

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



HANG THIS UP WHERE YOU CAN FIND IT

hexex-McM.

6273

Wholesale Price-List

MICHELL'S SEEDS

BULBS, PLANTS, FERTILIZERS, GARDEN TOOLS,
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

January to July

1918

TELEPHONES			
BELL—Lombard	{ 4220	4222	4224
	{ 4221	4223	4225
KEYSTONE—Main	3600	3601	



The Wonderful Scarlet Geranium
"HELEN MICHELL"

Semi-Double of the Clearest Possible Shade of Scarlet,
 is Early in Bloom and Flowers Very Freely
 During the Entire Season

It grows compact medium dwarf, with lustrous green foliage and throws up gigantic flowerheads very freely. We claim it to have the largest flowerheads of any of the Bedding Geraniums. The individual blooms frequently measure 2½ inches across. **PRICES TO THE FLORIST TRADE.** From 2½-inch pots, per dozen, 85c.; 25 for \$1.25; \$4.50 per 100; \$40.00 per 1000.

TESTIMONIAL

Last year I had some Helen Michell Geraniums and I consider it a wonder. It first came to my attention at the New York Flower Show.

THEO. W. MOSES.

Brooklyn, N. Y.

HENRY F. MICHELL, President

TESTIMONIAL

The 1500 Helen Michell Geraniums have been received and I am very well pleased with the shipment. I never have seen a finer lot of plants.

H. S. HOPKINS.

Binghamton, N. Y.

FRED'K J. MICHELL, Vice President

HENRY F. MICHELL CO.

Warehouses { 509-511-513 Ludlow Street
 { 19-21-23 Bank Street

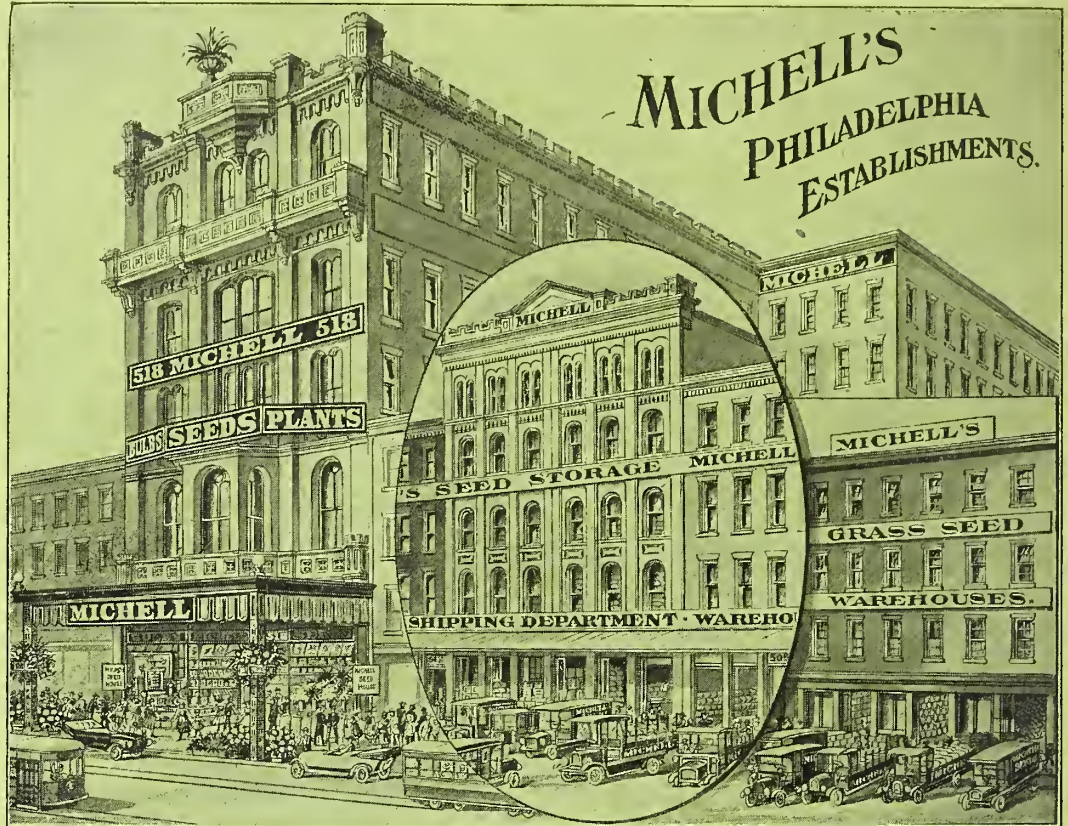
518 Market Street, Philadelphia

Greenhouses and Nurseries, Andalusia, Pa.

The Michell Organization

The loyal patronage of our trade, coupled with our efforts to please and render service, has made our organization possible. A staff of about 125 employes at our Store and Salesrooms housed in a building 5 stories high, 23 feet wide, on Market Street, 47 feet wide on Ludlow Street, 180 feet deep. Our shipping department and part of our warehouses front 67 feet on Ludlow Street. At 19-21-23 Bank Street is located our 4-story warehouse, devoted almost exclusively to the storage of grass seed.

We especially invite **Charge Accounts**. A charge account is more convenient than to remit for each order at the time it is sent us; you pay no more for your goods by reason of this accommodation. As to our responsibility, we refer you to **Dun's or Bradstreet's Mercantile Agency**.



When sending your first charge order, refer preferably to someone in either your own or our line of business with whom you have a charge account. This frequently saves delays.

NET CASH ITEMS

Grain, Clover, Bird, and Farm Seeds, also Fertilizers, are handled on very close margins and are sold with no cash discount.

DISCOUNTS

On bills for Flower, Vegetable Seeds, and Bulbs, a discount of 2 per cent for payment 10 days from date of bill may be deducted, if cash accompanies the order, 3 per cent may be deducted on such items. All other goods are strictly net, as are also bills for goods supplied under special quotation unless otherwise agreed upon.

All contracts and acknowledgments are contingent upon crop failures, partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Company endeavors to send out only the very best quality of Seeds, Bulbs, and Plants, but cannot guarantee results or crops. If customers do not accept goods on the above conditions, they can be returned to us within ten days.

REGARDING SHIPMENTS C. O. D.

We cannot make shipments of Plants or Cold Storage Bulbs C. O. D., and shipments of goods C. O. D. outside of our wagon delivery limits can only be made that way provided a partial remittance is sent with the order to guarantee that the goods will be accepted on arrival.



Our nurseries comprise about 50 acres of highly cultivated land, 16 modern greenhouses and about 1500 glass-covered sash frames, with a staff varying from 30 to 45 employes. Our specialties are: Pot-Grown Roses, Perennials, etc.

100M-3-17. Cupp. ba. 1000

PUT
2-CENT
STAMP
HERE

MICHELL'S SEED HOUSE
518 MARKET STREET
PHILADELPHIA, PA.

THE AMERICAN ROSE SOCIETY

BENJAMIN HAMMOND, President

E. A. WHITE, Secretary, Ithaca, N. Y.

THE AMERICAN ROSE ANNUAL is published each year on February 15
at Harrisburg, Pa. J. HORACE McFARLAND, Editor

Date _____

E. A. WHITE, Secretary, Ithaca, N. Y.

I enclose \$2 to pay for Annual Membership in The American Rose Society for 1918. I am entitled to admission to all Exhibitions in which the Society participates, and to all the publications of the Society issued during the year, as well as a bound copy of the 1918 American Rose Annual, with 180 or more pages of information and many fine illustrations.

If I enclose \$3, the additional dollar is to pay for a copy of the 1917 Annual, to be mailed to me at once.



Name _____

Local Address _____

City and State _____

A ROSE FOR EVERY HOME
A BUSH FOR EVERY GARDEN



THE AMERICAN ROSE SOCIETY was organized in 1899 "to increase general interest in the cultivation and to improve the standard of excellence of **THE ROSE FOR ALL THE PEOPLE.**" It holds several annual national exhibitions, at which large prizes are awarded for the best Roses.

It encourages local exhibitions, and has affiliated with it many Rose societies. It supervises five Rose test-gardens—in Hartford, Ithaca, Minneapolis, Washington, and Portland. All new Roses of value are registered with it, and its Medals are highly prized as an evidence of especial merit. Its membership has increased nearly seven hundred per cent in the past year, and now includes interested amateurs all over America.

Most of all, it issues only for its members **THE AMERICAN ROSE ANNUAL**, the authoritative record of American Rose progress, which is needed by every Rose-lover in America. Membership at \$2 per annum brings this fine book and other publications of the Society, with tickets to its exhibitions.

FOR MEMBERSHIP DETAILS, SEE OTHER SIDE

SEEDS etc. to Sell on Your Store Counter



To conform to modern business practice we were obliged to discontinue the consignment business; (effective January 1st, 1917) and ALL MERCHANDISE IS SOLD ON AN OUTRIGHT BASIS ONLY; NOT RETURNABLE.

SPECIAL

It will be observed that the profit in buying seeds and other merchandise outright is very attractive; in fact, the prices at which we sell you the Vegetable, Flower and White Clover Seeds in Packets are about cost, it being our desire to distribute them through reliable stores as an advertisement, which will bring other business to your establishment.

Note that you can buy as few as a dozen packets of Seed, or six boxes of Grass Seed, Bone Meal, Sheep Manure, Lemon Oil Insecticide, Sulpho Tobacco Soap or Plant Food.

Please note, however, that the prices quoted are for not less than one-half dozen of any of the items quoted, as these rates are all special and lower than our regular wholesale list; also please note that the prices quoted on flower and vegetable seeds are for Illustrated Packets only as per list below. If, however, your customers want items in our list not offered here we will cheerfully supply them at our wholesale rates.

Show cards will be supplied free; and Display Cases (which are returnable for credit if in good order, prepaid) can be supplied at the following prices:

- No. 1 Small, for Flower Seeds only, capacity 100 to 150 packets, \$1.50.
- No. 2 Medium, for Vegetable Seeds only, capacity 150 to 200 packets, \$2.00.
- No. 3 Large, combination for Flower and Vegetable Seeds, capacity 150 to 200 packets, \$3.00.
- No. 4 Cabinet Size, combination for Flower and Vegetable Seeds, capacity 200 to 250 packets, \$7.50.

In order to make this as attractive and profitable as we can, and with the understanding that our retail prices (as quoted in our current catalogs) will be maintained, we will supply the seeds referred to below at the following prices.

RETAIL 5c. ILLUSTRATED PACKETS

Michell's Flower, Vegetable and White Clover Seeds
 \$0.35 per doz. packets \$2.50 per 100 packets
 \$22.50 per 1000 packets

The above price covers also Gilt Edge Mixture of Sweet Peas, also Nasturtium Tall and Dwarf in regular mixture.

List of Vegetable Seeds Put up in Illustrated Packets Obtainable at the above Prices

Beans	Corn, early	Okra	Sage
Beans	Corn, late	Onion, yellow	Salsify
Beans (pole lima)	Corn Salad	Onion, white	Squash
Beans (bush lima)	Egg Plant	Parsley	Spinach
Cabbage, early	Endive	Pepper	Summer Savory
Cabbage, late	Kohl-Rabi	Peas, early	Sweet Marjoram
Carrots, early	Kale	Peas, late	Thyme
Carrots, late	Lettuce, head	Parsnip	Tomatoes, early
Cucumber	Lettuce, curled	Radish (round white)	Tomatoes, late
Celery	Leek	Radish, rd. red	Turnips
	Musk Melon	Radish, long red	
	Melon (Water)		

We can also supply all other varieties of Flower Seeds as per our catalog at wholesale rates.

List of Flower Seeds Put up in Illustrated Packets Obtainable at the above Prices

Ageratum	Castor Oil Bean	Hyacinth Bean	Poppy
Antirrhinum	Celosia	Larkspur	Portulaca
Alyssum	Chrysanthemum	Lobelia	Scabiosa
Aster	Cobaea	Marigold	Scarlet Sage
Balloon Vine	Cornflower	Mignonette	Straw Flowers
Balsam	Cosmos	Moonflower	Stocks
Balsam Apple	Cypress Vine	Morning Glory	Sunflower
Calendula	Flower Seeds, in mixture	Nasturtium, dwarf	Sweet Peas
California Poppy	Forget-Me-Not	Nasturtium, tall	Sweet William
Calliopsis	Four O'clock	Pansy	Thunbergia
Candytuft	Gaillardia	Petunia	Verbena
Canary Bird	Gourds	Phlox	Wild Cucumber
Vine	Hollyhocks	Pinks	Zinnia
Carnation			

We can also supply all other varieties of Vegetable Seeds as per our catalog at wholesale rates.

SPECIAL NOTICE

We reserve the right to withdraw these special prices where our retail prices are not maintained.

	Dozen	100	1000	Retail Price Each
Michell's Fairmount Park Grass Seed, Pint Boxes.....	\$0.60	\$4.50	\$40.00	\$0.10
Michell's " " " " " Quart Boxes.....	1.20	9.00	85.00	.20
Michell's Evergreen Lawn Grass Seed, Pint Boxes.....	1.00	8.00	75.00	.15
Michell's Evergreen " " " Quart Boxes.....	2.00	15.00	140.00	.25
Michell's Shaded " " " Pint Boxes.....	1.20	9.00	85.00	.15
Michell's Shaded " " " Quart Boxes.....	2.25	16.00	150.00	.30
Michell's Sheep Manure, 2-lb. Boxes.....	1.50	12.00		.20
Michell's " " 5-lb. Boxes.....	2.75	22.50		.35
Bowker's Plant Food.....	1.25	9.00		.15
Michell's Bone Meal, 3-lb. Boxes.....	2.00	15.00		.25
Michell's " " 5-lb. Boxes.....	3.25	25.00		.35
Michell's " " 10-lb. Boxes.....	5.50	45.00		.60
Michell's Lemon Oil Insecticide, 1/2 Pint Cans.....	2.50	20.00		.30
Michell's Sulpho Tobacco Soap, 3-oz. Cakes.....	.85			.10
Michell's " " 8-oz. Cakes.....	1.70			.20
Michell's Alphine (Insecticide), 1/4 Pint Cans.....	2.40			.25

HENRY F. MICHELL CO., 518 Market Street, Phila.

Index to Contents of Michell's 1918 Spring Wholesale Catalog

SEEDS		PAGE			PAGE			PAGE
Clovers	opposite	46	Gaillardia	61	Shrubs	66	Fumigators	77
Farm Seeds	opposite	46	Galega	61	Silene	65	Fungine	82
Flower Seeds	2-25	46	Gentiana	61	Solidago	65	Garden Reels	70
Grass Seeds	46	46	Geranium	1st cover, 56,	Spiraea	65, 67	Garden Line	70
Vegetable Seeds	26-45	46	Geum	61	Stachys	65	Getz-there-Soap	82
			Gillenia	61	Staphylea	67	Glass Cleaners	81
PLANTS AND BULBS			Gladiolus	53	Staticae	65	Glass Cutters	81
Achillea	57	57	Gloxinia	48	Stokesia	65	Glazing Cement	81
Acanthus	57	57	Grasses	61	Sweet William	65	Glazing Clamps	81
Aconitum	57	57	Gypsophila	61	Symphoricarpos	67	Glazing Points	81
Actinidia	66	66	Helenium	61	Tamarix	67	Gloves	71
Adenophora	57	57	Helianthemum	61	Thalictrum	65	Grafting Tool	71
Adonis	57	57	Helianthus	61	Thermopsis	65	Grafting Wax	71, 81
Aegopodium	57	57	Heliopsis	61	Trillium	65	Grape Dust	82
Agrostemma	57	57	Helleborus	61	Tritoma	65	Grass Catchers	60
Akebia	66	66	Heimerocallis	61	Trollius	65	Grass Shears	60
Althaea	67	67	Hepatica	61	Tuberose	52	Greenhouse White	81
Alyssum	57	57	Hernieria	61	Tunica	65	Guano	84
Amaryllis	47	47	Hesperis	61	Valeriana	65	Handy Gardener	70
Ampelopsis	66	66	Heuchera	61	Verbasum	65	Hanging Basket	77
Amygdalus	67	67	Hibiscus	61	Veronica	65	Harrows	68
Anchusa	57	57	Hieracium	61	Verbena	56	Hedge Shears	71
Andromeda	67	67	Hollyhocks	61	Viburnum	67	Hellebore	82
Anemone	57	57	Honeysuckle	66	Vinca	65	Hoes	68, 73
Anthemis	57	57	Hop Vine	66	Viola	65	Horn Shavings	3rd cover
Aquilegia	57	57	Hyacinthus	48	Vitex	67	Horse Manure	84
Arabis	57	57	Hydrangea	56, 67	Weigelia	67	Hose Bands	72
Arenaria	57	57	Hypericum	61	Wisteria	66	Hose Connections	72
Aristolochia	66	66	Iberis	61	Yucca	65	Hose Couplings	72
Armeria	57	57	Incarvillea	61	Zephyranthes	47	Hose Menders	72
Artemisia	57	57	Inula	62	MISCELLANEOUS			
Asclepias	57	57	Iris	61, 62	Acid Phosphate	84	Hose Nozzles	72
Asters	57, 58	57, 58	Ismene	48	Alphano-Humus	84	Hose Reducers	72
Astilbe	58	58	Ivy	66	Antipest	82	Hose (Rubber)	72
Aubretia	58	58	Jasminium	66	Animal Bone and Potash	84	Hose Washers	72
Azalea	66	66	Kalmia	67	Ant Exterminator	82	Hotbed Mats	75
Baptisia	58	58	Kerria	67	Aphine	82	Hotbed Sash	77
Begonia	47	47	Kudzu Vine	66	Aphis Punk	82	Humus	84
Bellis	58	58	Lathyrus	62	Aprons	72	Hyacinth Stakes	80
Berberis	67	67	Lavendula	66	Arsenate of Lead	82	Hydrant Attachment	72
Bignonia	66	66	Liatris	62	Ashes	84	Hydro-Cyanic Gas	83
Bocconia	58	58	Lilacs	67	Asparagus Bunchers	70	Hydrometer	82
Boltonia	58	58	Lilies	52	Asparagus Fertilizer	84	Insecticides	82, 83
Boxwood	67	67	Lily of the Valley	52,	Asparagus Knives	70	Iron Age Tools	68
Buddleia	58, 67	58, 67	Linum	62	Asparagus Tape	70	I. X. L. Compound	82
Caladium	48	48	Lobelia	62	Automobile Heaters	75	Kainit	3rd cover
Calimeris	58	58	Lonicera	62	Barrels	76	Kerosene Emulsion	82
Calla	47	47	Lupinus	67	Basic Slag	84	Kil-o-Scale	82
Callirhoe	58	58	Lychnis	62	Bellows	77	Knife System	81
Calthra	58	58	Lycium	66	Black Leaf No. 40	82	Knives	70
Calycanthus	67	67	Lysimachia	62	Blood (Dried)	84	Labels	73
Campanula	58	58	Lythrum	62	Blood Flour	84	Ladders	70
Canna	49	49	Madeira Vines	52	Bon Arbor	84	Land Plaster	3rd cover
Carnations	58	58	Maples	62	Bone	84	Lawn Dressing	3rd cover
Caryopteris	58	58	Martensia	62	Bone Meal	84	Lawn Mowers	60
Cassia	58	58	Mexican Vines	52	Bone Flour	84	Lawn Rollers	69
Catananche	58	58	Monarda	62	Bordeaux Arsenate	82	Lawn Sand	3rd cover
Cedronella	58	58	Montbretia	52,	Bordeaux Mixture	82	Leaf Mould	81
Celastrus	66	66	Mycosotis	62	Bordeaux Mixture	82	Lemon Oil Insecticide	82
Centaurea	58	58	Nierembergia	62	Boro Wax	82	Lime	3rd cover
Cerastium	58	58	Oenothera	62	Boxes	78	Limestone	3rd cover
Cerastis	67	67	Ononis	62	Brooms	75	Lime-Sulphur	82
Cercus	67	67	Orobis	62	Bug Death	82	Liquid Manure Distributor	75
Chamaepeuce	58	58	Oxalis	52	Bulb Pans	74	Lopping Shears	71
Chelone	58	58	Pachysandra	62	Cane Stakes	80	Manures	84, 3rd cover
Chionanthus	67	67	Paeonies	63	Carbolium	82	Mapes Fertilizers	3rd cover
Chlethra	67	67	Pancratium	48	Carnation Dye	81	Mastica	81
Chrysanthemum	58, 59	58, 59	Pardanthus	65	Carnation Menders	78	Mastica Machine	81
Cimicifuga	58	58	Pentstemon	65	Carnation Supports	80	Moss	78
Cinnamon Vine	48	48	Philadelphus	67	Cattle Manure	84	Mowers	69
Clematis	58, 66	58, 66	Phlox	62	Celery Tape	81	Mulford's Cultures	3rd cover
Coreopsis	58	58	Physalis	65	Charcoal	81	Muriate of Potash	3rd cover
Coronilla	58	58	Physostegia	65	Chrysanthemum Manure	84	Nicotifide	82
Cornus	67	67	Pinks	65	Clay's Fertilizer	84	Nikofume	83
Cycas	48	48	Platyodon	65	Coal (for Wagon Heaters)	75	Nikoteen	82
Cyclamen	56	56	Plumbago	65	Cocanut Fibre	81	Nitrate of Soda	3rd cover
Cytisus	67	67	Polemonium	65	Copper Solution	82	Nozzles	72, 77
Dahlias	50, 51	50, 51	Polygonum	66	Copper Strainer	77	Oil (for Mowers)	60
Delphinium	60	60	Poppy	65	Cotton Seed Meal	84	Orchid Pans	74
Deutzia	67	67	Potentilla	65	Cow Manure	4th cover, 84	Pans	74
Dianthus	58	58	Potterium	95	Cultivators	68	Paper	74
Dictamnus	58	58	Primula	65	Cultivator Teeth	68	Paper Pots	74
Dielytra	58	58	Privet	67	Cut Flower Boxes	68	Paris Green	83
Digitalis	58	58	Prunella	65	Cut Worm Destroyer	82	Paris Green Shakers	77
Doronicum	58	58	Prunus	67	Cyanegg	82	Peat	81
Echinops	58	58	Pueraria	66	Dahlia Stakes	80	Pebbles	81
Edelweiss	58	58	Pyrethrum	65	Dalmatian Powder	82	Pencils (Indelible)	73
Eleagnus	57	57	Pyrus	67	Daylite Glass Cleaner	81	Persian Powder	82
Epimedium	58	58	Ranunculus	52, 65	Dibbles	73	Phosphate	84, 3rd cover
Eremurus	58	58	Rhododendron	66	Dissolved Bone	84	Plant Food	3rd cover
Erica	67	67	Rhus	67	Dowels	80	Plant Stakes	80
Erigeron	58	58	Rosemary	65	Dusters	77	Plant Stands	75
Erinus	58	58	Roses	54, 55	Extension Pipes	77	Plant Tubs	74
Eryngium	58	58	Rudbeckia	65	Fern Dish Liners	74	Planet, Jr., Tools	68
Eupatorium	58	58	Salvia	65	Fern Pans	74	Plows	68
Euphorbia	58	58	Sambucus	67	Fertilizers	3rd cover, 70	Pot Labels	73
Euonymus	66, 67	66, 67	Saponaria	65	Fertilizer Distributor	70	Potato Manure	3rd cover
Exochorda	67	67	Satureia	65	Fibre Vases	74	Pots	74
Fern Balls	48	48	Scabiosa	65	Fir Tree Oil Soap	82	Poudrette	3rd cover
Ferns	61	61	Schizophragma	66	Fish (Dried)	84	Powder Guns	77
Feverfew	61	61	Scutellaria	65	Fish Guano	84	Protecting Cloth	81
Forsythia	67	67	Sedum	65	Fish Oil Soap	83	Pruners	71
Funkia	61	61	Senecio	65	Flower Pots	74	Pruning Compound	71
			Shasta Daisy	58	Forks	71	Pruning Gloves	71
							Pruning Saws	71
							Pruning Shears	71
							Pumps	76, 77
							Putty Bulbs	81
							Putty	81
							Pyrox	83
							Raffia	80
							Rakes	73
							Rat Corn	73
							Readeana	83
							Reels	83
							Rollers	70
							Rolling Stands	69
							Rubber Aprons	74
							Rubber Hose	72
							Rubber Hose	72
							Rubber Sprinklers	78
							Salt	3rd cover
							Sand	81
							Sash	77
							Saucers	74
							Saws	71
							Scale Destroyer	83
							Scalecide	83
							Scythes	69
							Seed Pans	74
							Seeders	68
							Shadeline	81
							Shading Cloth	81
							Sharpening Stones	69
							Shears	69, 71
							Sheep Manure	4th cover, 3rd cover
							Shovels	71
							Shoo-Fly	83
							Sickles	69
							Sieves	75
							Slug Shot	83
							Soap Spray	82
							Sod Cutters	70
							Sod Crusher	75
							Sod Perforators	70
							Sod Tampers	70
							Soil	81
							Soil Pulverizer	75
							Soot	3rd cover
							Spades	71
							Spading Fork	71
							Spray Nozzles	77
							Sprayers	76
							Stake Fasteners	80
							Stakes	80
							Strainers	77
							Straw Mats	75
							Styptic	81, 83
							Sulphate of Ammonia	3rd cover
							Sulphate of Copper	83
							Sulphate of Potash	3rd cover
							Sulpho-Tobacco Soap	83
							Sulphocide	

Michell's Novelties and Specialties in Flower Seeds for 1918

For General List of Flower
Seed see pages 6 to 25

NEW SEMI-DWARF ANTIRRHINUMS

(Snapdragon)

This type is becoming very popular for bedding purposes owing to their dwarf and compact habit of growth; height about 18 inches.

Captivation A charming rich chamois shaded pink, a unique color. Flowers large; free bloomer.

Per pkt., 20c.; 55c. per 3 pkts.

Golden Beauty Very large rich golden yellow flowers; plants of good habit, with long, sturdy spikes.

Per pkt., 20c.; 55c. per 3 pkts.

Mauve Beauty Flowers large, and of a lovely shade of rosy mauve.

Per pkt., 25c.; 65c. per 3 pkts.

Pink Gem A lovely clear rose pink with white throat; very showy and distinct.

Per pkt., 20c.; 55c. per 3 pkts.

Spitfire A very bright orange scarlet self, the brightest color in this class yet offered; plants are of compact habit and free flowering.

Per pkt., 20c.; 55c. per 3 pkts.

The Bride Pure white, without any yellow on lip.

Per trade pkt., 25c.; \$1.25 per oz.

See page 6 for General
List of Antirrhinums



Giant Antirrhinum (Snapdragon)

GIANT SNAPDRAGON

(Antirrhinum)

Michell's Salmon Pink

A valuable addition to this popular florist's flower; the plants grow to a height of 2 to 3 feet and produce extra long spikes of large flowers; color a delicate salmon pink.

Per trade pkt., 40c.; \$2.25 per oz.

NEW ASTER

Michell's Pink Superb

This new and valuable variety of Aster is really "Superb" in every sense of the word. The flowers are of immense size, petals long and broad, those in the centre being curled and incurved to such an extent that the crown is completely covered; the general appearance of the flower being that of an immense flat Chrysanthemum. Color a beautiful pink; flowers are borne on long stems, making it a valuable sort for cutting.

Per trade pkt., 50c.; \$5.00 per oz.

Begonia "Gromanii"

A new variety originating in Michigan; we quote the description as given us by the originator: "A great improvement on Begonia Vernon; foliage a beautiful bronze green; color of flowers red (very near Christmas red). We have been selecting the best plants for seed for ten years and feel confident that we have the color fixed, so that every plant will produce red flowers." Per pkt., 50c.



Semi-Dwarf Antirrhinum (Snapdragon)

Dwarf Alyssum—Lilac Queen

A distinct new variety of the annual Sweet Alyssum, with pure lilac flowers. The plants are of dwarf, compact, upright growth. Useful for carpet bedding and edgings.

Per trade pkt., 30c.; \$1.00 per oz.

Artemisia Sacrorum Viridis

(Summer Fir)

This new ornamental foliage plant from China is an annual of very quick growth; pyramidal bushes 3 to 5 feet high; may be grown in groups or borders; also pretty as a pot plant; foliage fine and of a rich dark green; cut branches last a long while after being cut and can be used for decorations, etc.

Per trade pkt., 25c.; 75c. per oz.



Pink Superb Aster



Celosia—Pride of Castle Gould

CELOSIA PLUMOSA

Pride of Castle Gould

A distinct type of *Celosia Plumosa* and of great value, both as a pot plant and for bedding. Plants are of pyramidal growth, about 2 to 3 feet high; immense flower heads, closely resembling ostrich plumes; colors are blood red, carmine, yellow, orange, golden, orange scarlet, etc., in mixture.

Per trade pkt., 30c.; \$1.00 per 1/8 oz.

CHINESE WOOLFLOWER

(*Celosia Childsi*)

Plants grow about 2 1/2 feet high and branch freely, each branch bearing at the end a large ball of scarlet flowers resembling silky wool. Per trade pkt., 40c.

THE CARDINAL CLIMBER

(*Ipomoea Quamoclit Hybrida*)

A distinct and valuable novelty, and one of the most beautiful climbers; the result of a cross between *Ipomoea Quamoclit* or Cypress Vine and *Ipomoea Coccinea*. A very rapid grower and free bloomer; leaves dark green and deeply lacinated; bears a great profusion of fiery, cardinal red flowers which are about 1 1/2 inches in diameter. In order to have good germination of the seed a small notch should be filed or cut in each seed. Per trade pkt., 50c.; \$3.00 per oz.

LOBELIA HYBRIDA—Sapphire

This new trailing variety is of remarkably strong growth; the flowers are unusually large for a *Lobelia*, measuring three-quarter inch across, and are thickly set on the long, graceful sprays of foliage; color of flowers intense deep blue with large and clearly defined white eye.

Per trade pkt., 40c.; \$1.00 per 1/8 oz.



New Double Cosmos

NEW DOUBLE COSMOS

An entirely new race of this popular flower; the plants are similar in habit to the late flowering strain. A large percentage of the flowers have double crowns, which give the flowers a very dainty and exquisite appearance; the few singles that are produced are extra fine.

	Trade Pkt.	Oz.
Double Pink Beauty	\$0.40	\$2.00
Double White Queen .....	.40	2.00
Double Red Beauty .....	.50	2.50

DIMORPHOTHECA AURANTIACA

New Hybrids Mixed

An extremely showy annual; the plants are of branching habit, growing 12 to 15 inches high and flowering profusely; its Marguerite-like blossoms are 2 1/2 to 2 3/4 inches in diameter. These hybrids vary in color from white to red, and tints of sulphur, lemon and golden yellow, orange, salmon, etc.

Per trade pkt., 30c.; \$1.25 per oz.

LARGE FLOWERING DWARF

PETUNIA—Ideal

A magnificent new dwarf strain of large flowered *Petunia*. The plants, which are of strong, robust growth, are 12 to 15 inches in height, and produce enormous flowers, many of which measure 6 inches in diameter, and of varied and exquisite coloring. An ideal pot plant. Per pkt., 30c.; 80c. per 3 pkts.

NEW GIANT FRINGED PRIMROSE

(*Primula Sinensis Fimbriata*)

PINK PEARL

A handsome addition to the Giant class of *Primulas*. Flowers of immense size and substance, and of a charming shade of brilliant rose relieved by a delicate greenish yellow eye, the fringed petals are well overlapped and slightly undulated. The trusses are displayed well above the foliage, which is of a very pleasing tint.

Per pkt., 35c.; \$1.00 per 3 pkts.

PRIMULA—Malacoides Superba

A new and improved variety of the *Primula Malacoides* which has become so popular within the last two or three years; the flowers of this new variety are larger and deeper in color, being a deep rosy pink. A first-class plant for greenhouse decoration during the winter.

Per pkt., 20c.; 55c. per 3 pkts.



Lobelia Hybrida—Sapphire

Michell's Novelties and Specialties in Flower Seeds



Petunia, Michell's Monstrosus

LARGE FLOWERING PETUNIA Michell's Monstrosus

A great acquisition to the list of Large Flowering Petunias, surpassing the well-known Giants of California. The flowers are extremely large, quite a number of which are elegantly fringed; the colorings, markings, veinings, blotches, etc., are superb; many of them having deep throats of various shades.

Per half trade pkt., 60c.; \$1.00 per trade pkt.

Galt, Ont., Can., Mar. 9th, 1917.

Dear Sirs

Last year I got my Petunia seed from you, the variety called "Monstrosus," it was simply wonderful for size and colors.

Yours truly,
F. G. W.



New Salvia, America

SCHIZANTHUS—Pink Beauty

The flowers of this new variety are of an exquisite shade of rose pink, a pure self without any marking or shading whatever. A distinct advance upon anything of this color yet known in Schizanthus. As pot plants they are very effective for grouping, and a charming subject when cut for table decoration, the flowers being of good substance, lasting well, and being equally effective either in natural or artificial light.

Per pkt., 35c.; \$1.00 per 3 pkts.

NEW RED SUNFLOWER (*Helianthus*)

A new variety of the annual Sunflower, growing from 4 to 8 feet high. The plants are of branching habit, and bear in profusion well-shaped flowers varying in size from a few inches to nearly a foot in diameter. Some of the plants produce flowers of a rich chestnut red color, others tipped with yellow and others slightly washed with red.

Per trade pkt., 20c.; 75c. per oz.

DWARF LARGE FLOWERING FRINGED PETUNIA

The demand for really good dwarf, compact-growing Petunias has been met after years of careful selection in this excellent dwarf strain, with large fringed flowers. The plants grow 8 inches high, and while branching freely from the base, they remain quite compact. The individual plants make handsome small bushes, on which the numerous flowers, borne well above the foliage, appear in all the colors common to Petunias.

Per pkt., 25c.; 65c. per 3 pkts.



Petunia—Dwarf Large Flowering Fringed

NEW SALVIA, AMERICA

(Scarlet Sage)

A new variety of this popular flower, of dwarf, bushy, compact growth, and very uniform in height and shape. A free and continuous bloomer, and produces large spikes of brilliant scarlet flowers. We consider this variety an improvement over any other dwarf Salvia.

Per trade pkt., 50c.; \$3.50 per ¼ oz.; ½ oz., \$6.00; \$10.00 per oz.

VERBENA—"Helen Willmott"

After many years of constant selection, seed of this Verbena has at last been saved in sufficient quantity to be offered for sale. A large percentage of the flowers are of the true "Helen Willmott" color, a pretty bright salmon rose, with white eye.

Per trade pkt., 50c.

Michell's New Spencer or Orchid Flowered Sweet Peas

5

Henrietta A new variety introduced this season for the first time, which has been secured after many years of selection. The color of this charming variety is a beautiful, clear light pink on a cream ground. The great attractive beauty of the flower, however, is its enormous size and frilled appearance, owing to the extent of the duplexing. For dainty table decorations, corsage bouquets or exhibition it will be hard to beat "Henrietta."

Per pkt., 20c.; 50c. per 3 pkts.; per oz., \$1.50.

Scintillator This is another variety offered this season for the first time; the ground color is cream, very daintily striped and flaked orange rose pink. The color is a little deeper on the standard than on the wings, and the keel also is lightly striped. In sunlight and under artificial light the effect is beautiful. The flowers are of great size, the standard bold, expands well and is prettily waved.

Per pkt., 20c.; 50c. per 3 pkts.; per oz., \$1.50.

Fiery Cross This new variety has all the appearance of live fire, the color being a scorching fire-red, or scarlet, without any shading, and which scintillates and glitters in bright sunlight, thus adding a glowing fire-like sheen which radiates over the flower. It does not scorch or burn in the sunshine. The beautifully waved and fluted flowers are borne freely in threes and fours, well placed on long, stout stems.

Per pkt., 10c.; \$1.00 per oz.

Illuminator The most charming color or, rather, combination of colors, yet seen in Sweet Peas, and very difficult to describe. The blooms, which are carried on long, stout stems, have a ground color of a warm salmon orange overlaid with rich bright cerise pink. The flowers are of great substance; standard bold, expanded and attractively waved.

Per oz., 30c.; \$1.00 per ¼ lb.; per lb., \$3.25.

King White A "perfect" white Spencer Sweet Pea, and superior in form, size and substance to all others of this color; flowers are of good substance, standards of immense size, bold expanded form and exquisitely waved. An extremely vigorous grower; very floriferous, and gives a large proportion of four-flowered sprays.

Per oz., 25c.; 75c. per ¼ lb.; per lb., \$2.75.

Wedgwood This new variety is appropriately named, as its color throughout is a unique shade of Wedgwood blue. The flowers, which are produced in great profusion, are borne mostly in "fours," well placed on long, stout stems. Of finest Spencer form; the standard and wings are well waved.

Per oz., 30c.; \$1.00 per ¼ lb.; per lb., \$3.00.

Early Flowering Long Season Spencer SWEET PEAS

The following varieties were grown by one of the most prominent California growers. One of their chief characteristics is their long season period of blooming, frequently remaining in bloom for four months.

Early Meadow Lark. A rich deep cream or primrose color similar to the beautiful late flowering variety "Dobbie's Cream." Many of the flowers are duplexed or double, are well waved, and borne in threes and fours on strong vines. Per pkt., 25c.; 65c. per 3 pkts.

Early Liberty. A rich, deep sunproof crimson, similar in color to the late flowering variety "King Edward Spencer." The flowers are large, well waved and borne in threes and fours. Per pkt., 25c.; 65c. per 3 pkts.

Early Songster. In this new variety we have a most excellent and attractive lavender, having less of the mauve than found in the "Asta Ohn." The flowers are very large and nicely waved. Per pkt., 25c.; 65c. per 3 pkts.

Early Warbler. Those who have seen this variety consider it a gem for the florist. The color is rich mauve purple, the flowers are extra large and beautiful in form. Per pkt., 25c.; 65c. per 3 pkts.; per ¼ oz., \$1.75; \$6.00 per oz.

Early Sunset. In this variety we have a pastel shade of great beauty. The color is rich mauve pink on white ground. Flowers are large and nicely waved. Per pkt., 25c.; 65c. per 3 pkts.; per ¼ oz., \$1.75; \$6.00 per oz.

Early Heather Bell. One of the most popular shades for the florists. The flowers are large, borne in threes and fours on long, stout stems and are of beautiful bold Spencer form. The color is a rich mauve, but after standing in water the color becomes a beautiful mauve lavender. Per oz., \$1.50; \$4.00 per ¼ lb.; per lb., \$14.00.



New Spencer Sweet Peas

Early Spring Maid. A very handsome variety. The color is a light pink on a cream ground; it is a most effective flower, and like our other Early Flowering Spencers, it carries a wealth of bloom borne in threes and fours on long stems. Per oz., \$1.50; \$4.00 per ¼ lb.; per lb., \$14.00.

Early Song Bird. An excellent variety of fine form; color pale pink on white ground. The placement of the flowers is excellent for packing and the flowers are borne on long stems in threes and fours. Per oz., \$1.50; \$4.00 per ¼ lb.; per lb., \$14.00.

Early Melody. This is a deeper shade of pink than "Early Song Bird" on white ground. The effect when bunched is most pleasing. It is very floriferous, the flowers are borne on long stems, and mostly four large, well-waved blossoms to each stem. Per oz., \$1.50; \$4.00 per ¼ lb.; per lb., \$14.00.

New Winter Flowering Sweet Pea YARRAWA (Spencer Type)

Flowers exquisitely waved, of extra large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink, with lighter wings. Per oz., 75c.; \$2.50 per ¼ lb.; per lb., \$8.00.

For General List of Spencer or Orchid Sweet Peas, see page 22.

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

"Distinctive" Strains of Flower Seeds for the florist is one of the most important branches of our business; we constantly aim to secure for the florist only the most improved strains such as will give perfect satisfaction. Our wonderfully increased trade is our best proof for this claim.

For full description see our Retail Catalogue, a copy of which will be mailed free upon application.

NOTE—Half trade packets are only supplied where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33 1/3 per cent. from our retail catalogue prices.

Fractions of ounces are supplied as follows:			
Where price per oz. is	1/2 oz.	1/4 oz.	Where price per oz. is
\$0.10	—	—	\$0.65
.15	\$0.10	—	.75
.20	.10	—	1.00
.25	.15	\$0.10	1.25
.30	.15	.10	1.50
.35	.20	.10	1.75
.40	.20	.15	2.00
.50	.25	.15	2.25
.60	.30	.20	2.50

Abutilon (Flowering Maple)

Used extensively for ornamental bedding. Trade Pkt. Oz.
 Choicest Mixed\$0.40 \$3.00

Achillea

Perennial, flowering continuously all summer.
 Ptarmica, fl. pl. "The Pearl." Double white..... .40 3.00

Aconitum (Monk's Hood)

Hardy perennial; long spikes of flowers.
 Napellus, Blue20

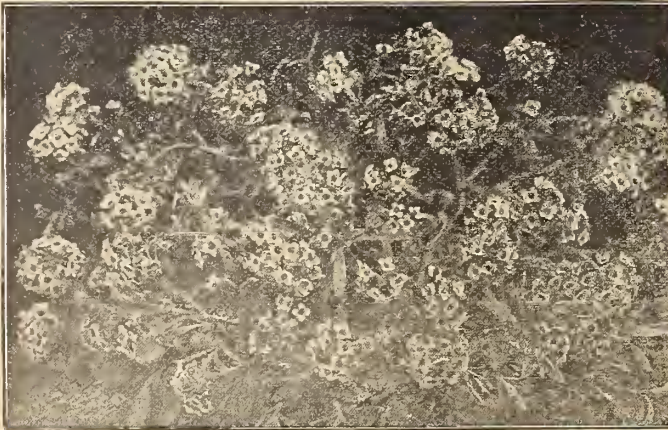
Acroclinium (Everlasting)

Excellent for cutting fresh or for winter bouquets.
 Double Rose Pink\$0.25 \$0.75
 " White25 .75
 " Mixed10 .25
 Single Mixed10 .20

Ageratum (Floss Flower)

Grown extensively by florists in pots for spring sales.

	Trade Pkt.	Oz.
Blue Perfection. Best dark blue, height 12 in., compact showy plant	\$0.15	\$0.60
Little Blue Star. Dainty little plant; very dwarf.	.40	
Imperial Dwarf Blue. Height, 8 inches	.10	.35
Imperial Dwarf White. Height, 8 inches	.10	.35
Imperial Dwarf Mixed. Height, 8 inches	.10	.30
Cope's Pet. Blue; compact dwarf plant	.15	.60
Princess Victoria Louise. Blue, white centre.	.15	.50
Grandiflorum Album. Tall, pure white	.15	.50



Sweet Alyssum

Alyssum

	Trade Pkt.	Oz.
Little Gem. Our strain of this popular sort is quite distinct, very dwarf, compact and absolutely true from seed	1/4 lb., \$2.00	\$0.15 \$0.60
Little Dorritt. Even more compact than Little Gem and desirable for a pot plant	.15	.75
Lilac Queen. Dwarf and compact; flowers lilac.	.30	1.00
Lutescens. Dwarf, yellow flowers.	.30	1.00
Sweet (Alyssum Benthami). The well-known fragrant white	(1/4 lb., 50c.)	.10 .15
Saxatile Compactum. Perennial; golden yellow.	.10	.60

Adlumia (Allegheny Vine)

A perennial vine with fern-like foliage. Trade Pkt. Oz.
 Cirrhosa. Pink flowers\$0.40

Adonis

Vernalis (Ox Eye). Hardy perennial; yellow..... .25

Agrostemma (Mullein Pink)

Coronaria. Hardy perennial; deep crimson flowers.. .10 \$0.25

Amaranthus

Caudatus (Love-Lies-Bleeding). Blood red leaves... .10 .15
 Cruentus (Princess Feather). Dark red..... .10 .15
 Sunrisé. Brilliant carmine15 .60
 Tricolor Splendens (Joseph's Coat). Various colors.. .15 .60
 Mixed10 .15

Ampelopsis

Veitchi (Japanese Ivy)1/4 lb., 60c. .10 .20

Anchusa

Italica, "Dropmore Variety." Perennial; branching plant, 4 feet; light blue flowers30 1.25

Anemone (Windflower)

Hardy perennial; excellent for cutting.
 Coronaria Mixed15 .60
 St. Brigid. Semi-double; various colors..... .30 1.25

Anthemis (Hardy Marguerite)

Tinctoria Kelwayi. Daisy-like bright yellow flowers; perennial20

Antirrhinum (Snapdragon)

Michell's Giant Strain

This "distinctive" strain is grown by many leading florists as a profitable cut flower during winter; spikes 2 to 3 feet tall with giant flowers; colors clear and delicate.

Michell's Giant Salmon Pink. A valuable addition to this popular flower; extra long spikes of flowers of a delicate salmon pink. Trade pkt., 40c.; \$2.25 per oz.

Silver Pink. An extra fine variety; long spikes and a very profuse bloomer. Original pkts., \$1.00; \$2.50 per 3 pkts.

Keystone. Large spikes; color rose pink. Per pkt., \$1.00.

	Trade Pkt.	Oz.
Giant Pink	\$0.20	\$0.75
" Garnet	.20	.75
" Scarlet	.20	.75
" Striped	.20	.75
" White	.20	.75
" Yellow	.20	.75

Giant Venus. Color shell pink on white ground, with pure white throat. Trade pkt., 30c.; \$1.25 per oz.

Giant Mixed. Trade pkt., 15c.; oz., 60c.

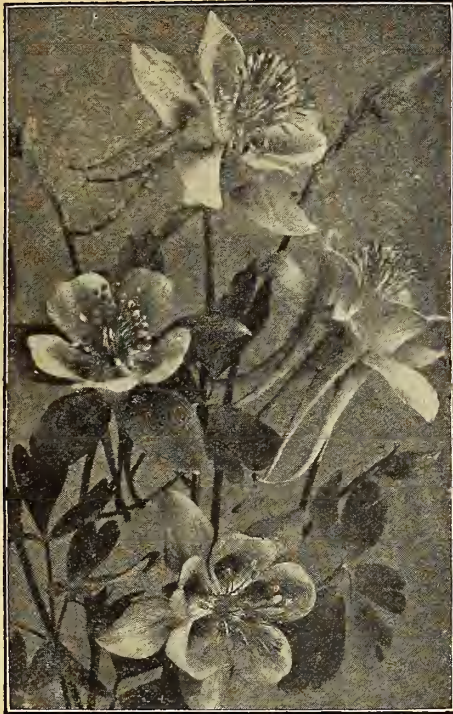
Antirrhinum—Various Sorts

The semi-dwarf sorts grow about 18 inches high.

	Trade Pkt.	Oz.
Semi-dwarf Captivation. A rich chamois shaded pink. Pkt., 20c.		
" Daphne. Pink	.20	.75
" Defiance. Fiery scarlet	.20	.75
" Golden Beauty. Golden yellow. Pkt., 20c.		
" Golden Queen. Yellow	.20	.75
" Mauve Beauty. Rosy mauve. Pkt., 25c.		
" Nelrose. Pink	.40	
" Pink Gem. Rose pink. Pkt., 20c.		
" Queen of the North. White	.20	.75
" Spitfire. Orange scarlet. Pkt., 20c.		
" The Bride. Pure white	.25	1.25
" Mixed	.15	.60
Tall Mixed. Regular strain, 2 feet.	.10	.40
Tom Thumb Mixed. 12 inches	.20	.75



Antirrhinum



Aquilegia—Long Spurrea

Aquilegia (Columbine)

These early flowering perennials are a valuable cut flower and the demand for the same is constantly on the increase.

	Trade Pkt.	Oz.
Long Spurred Hybrids. Mixed colors.....	\$0.30	\$1.50
Canadensis. Scarlet and yellow .....	.30	
Chrysantha. Yellow .....	.40	2.00
Chrysantha Alba. Pure white .....	.40	2.00
Californica Hybrida. Mixed colors .....	.30	1.75
Coerulea. Blue and white .....	.30	1.25
Haylodgensis Delicatissima. Delicate pink .....	.40	
Nivea Grandiflora. Pure white .....	.10	.40
Rose Queen. Deep rose .....	.40	
Single Mixed .....	.10	.40
Double Mixed .....	.10	.40

Arabis (Rock Cress)

Alpina. Perennial; dwarf edging plant; flowers pure white	\$0.10	\$0.40
---	--------	--------

Artemisia

Sacrorum Viridis (<i>Summer Fir</i>). A new annual foliage plant; pyramidal bushes, 3 to 5 feet high; may be grown in groups or borders; foliage fine and of a rich dark green25	.75
--	-----	-----

Asparagus

Plumosus Nanus

We are Headquarters for the true Northern Greenhouse Grown Strain

Our seeds are absolutely fresh and of high germination; our greatly increased sales each season prove beyond a doubt the superiority of our stock.

Greenhouse Grown Seed	
100 seeds	\$0.50
1,000 seeds	3.50
25,000 seeds	\$72.50
Lathhouse Grown Seed	
100 seeds	\$0.25
1,000 seeds	2.00
25,000 seeds	\$43.75

Asparagus Hatcherii

New Type of Plumosus

100 seeds	\$0.50	500 seeds	\$2.00
1,000 seeds		1,000 seeds	\$3.50

Asparagus Sprengeri

100 seeds	\$0.15	5,000 seeds	\$3.00
1,000 seeds .....	.75	10,000 seeds	5.50
25,000 seeds			\$12.50



Arctotis Grandis

Arctotis (African Daisy)

Grandis. Splendid annual for cutting; the large daisy-like flowers are produced on long stems; color pure white on the upper surface; reverse side of petals lilac-blue	Trade Pkt.	Oz.
	\$0.15	\$0.50

Argemone

Hybrida Grandiflora. Large, pure white, poppy-like flowers15	.60
--	-----	-----

Armeria (Sea Pink or Thrift)

Formosa. Hardy perennial for edgings; flowers, rosy pink25	1.00
--	-----	------

Arundo. See Grasses, page 15.

Asperula

Odorata (Sweet Woodruff). Suitable for hardy borders; dwarf; white25	1.00
--	-----	------



Asparagus Plumosus Nanus

MICHELL

MICHELL'S SUPERB ASTERS

We wish to emphasize the fact that our Asters are grown for us by specialists, and nearly all varieties under our own supervision. Michell's "Distinctive" Quality is nowhere more prominent than with our Asters, and we can recommend them with the utmost confidence to produce the very best results



Aster—Michell's Improved Semple's Branching

Michell's Improved Semple's Branching Aster

The finest late blooming Aster. Our Improved Strain has been secured after many years of careful selection. Large, perfectly double flowers on long stems.

Trade Pkt. Oz.		Trade Pkt. Oz.	
Lavender	\$0.30 \$1.25	Purple	\$0.30 \$1.25
Shell Pink .....	.30 1.25	Crimson .....	.30 1.25
White .....	.30 1.25	Choice Mixed .	.30 1.00
Rose Pink .....	.30 1.00		

Aster, Early Wonder

The earliest variety in cultivation, coming into bloom several days before "Queen of the Market." Flowers are large, very double, similar to "Comet" type and are carried erect on long stems.

Trade Pkt. Oz.		Trade Pkt. Oz.	
White	\$0.40 \$2.25	Pink	\$0.40 \$2.25

Aster, Queen of the Market (Extra Early)

The standard-bearer of the early flowering sorts. Our strain has been re-selected for its earliness and will prove of exceptional quality.

Trade Pkt. Oz.		Trade Pkt. Oz.	
White	\$0.25 \$1.25	Dark Blue	\$0.25 \$1.25
Blush Pink ....	.25 1.25	Crimson .....	.25 1.25
Rose Pink ....	.25 1.25	Choice Mixed .	.20 1.00
Light Blue ....	.25 1.25		

Aster, Invincible

A splendid Aster to fill in between the early sorts and the late ones. It is, so to say, a mid-summer Aster. Flowers are large, perfectly double and come on long stems.

Trade Pkt. Oz.		Trade Pkt. Oz.	
Blue	\$0.30 \$1.50	Rose Pink	\$0.30 \$1.50
Crimson .....	.30 1.50	White .....	.30 1.50
Lavender .....	.30 1.50	Mixed .....	.30 1.25

Astermum

A new and valuable variety of the Giant Comet type; plants grow straight up, with strong, sturdy stems starting near the base, and owing to the symmetry of the plant, they may be set more closely than other varieties. Flowers large.

Trade Pkt. Oz.	
White	\$0.40 \$2.25
Rose Pink .....	.40 2.25
Lavender .....	.40 2.25
Mixed .....	.40 2.25

Aster, Giant Comet

Long narrow petals which curve at the ends give this flower the appearance of a Japanese Chrysanthemum. Plants branch freely and produce their flowers on long stems.

Trade Pkt. Oz.	
White	\$0.30 \$1.50
Peach Blossom .....	.30 1.50
Pink and White .....	.30 1.50
Light Blue .....	.30 1.50
Dark Blue .....	.30 1.50
Crimson .....	.30 1.50
Choice Mixed .....	.30 1.25

Aster, Truffaut's Prize (Paecony Flowered)

Flowers are of incurved form, fairly large and are carried erect on straight stems. Fine for cutting or pots.

Trade Pkt. Oz.	
White	\$0.30 \$1.50
Pink .....	.30 1.50
Light Blue .....	.30 1.50
Purple Violet .....	.30 1.50
Crimson .....	.30 1.50
Choice Mixed .....	.30 1.25

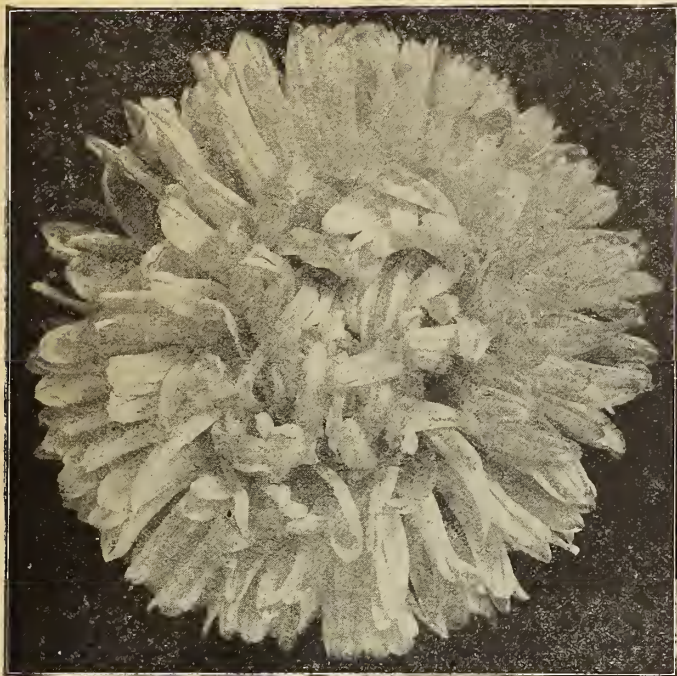


Crego Aster

Aster, New Crego

One of the finest varieties of Asters, and has rapidly come into popular favor. Flowers are gigantic in size, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge, flat Chrysanthemum.

Trade Pkt. Oz.		Trade Pkt. Oz.	
White	\$0.30 \$1.50	Lavender	\$0.30 \$1.50
Shell Pink .....	.30 1.50	Purple .....	.30 1.50
Rose Pink .....	.30 1.50	Mixed .....	.30 1.25
Azure Blue .....	.30 1.50		



Aster, Royal Branching

Aster, Early Royal Branching

One of the best Asters of recent introduction; of branching habit, and producing large flowers; has all the good qualities of the Late Branching type, and coming into bloom nearly as early as the Queen of the Market.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
White	\$.40	\$2.25	Lavender	\$.40	\$2.25
Rose Pink	.40	2.25	Purple	.40	2.25
Shell Pink	.40	2.25	Mixed	.40	2.00

Aster, Victoria Prize

A flat, solid, deep flower produced in masses on a compact, fairly dwarf plant. Good for pots.

	Trade Pkt.	Oz.		Trade Pkt.	Oz.
White	\$.30	\$2.00	Purple	\$.30	\$2.00
Pink	.30	2.00	Scarlet	.30	2.00
Light Blue	.30	2.00	Choice Mixed	.30	1.50

Asters of the Daybreak Type

This class forms strong plants of symmetrical growth; free flowering; fine for bedding, also for cutting.

	Trade Pkt.	Oz.
Michell's Purity (<i>White Daybreak</i>). Color, pure, glistening white	\$.40	\$2.25
Pink Daybreak. Large, delicate pink	.40	2.25
Lavender Daybreak. Large flowers of a beautiful shade of lavender	.40	2.25
Salmon Daybreak. The color is novel and of a pleasing shade	.40	2.50

King Asters

Habit of growth similar to the Branching Aster; in form the flower is distinct; petals resemble the quilled varieties, but are larger and broader, those in the centre being curled and incurved.

	Trade Pkt.	Oz.
White King. The flowers are large, full centred and pure white	\$.40	\$2.00
Pink King. An attractive, delicate shell pink	.30	1.50
Rose King. Flowers large, double, and of a deep rose color	.30	1.50
Violet King. A distinct color, large, double flowers of a pleasing shade of soft violet	.30	1.75

Asters—Various Sorts

	Trade Pkt.	Oz.
Michell's "Pink Superb." This new and valuable variety is really "superb" in every sense of the word. The flowers are of immense size, petals long and broad, those in the centre lie curled and incurved, completely covering the crown; the flower has the appearance of an immense flat chrysanthemum; color, a beautiful shade of pink	\$.50	\$5.00



Pink Superb Aster

Asters—Various Sorts, Continued

	Trade Pkt.	Oz.
American Beauty. Similar in type of flower and growth to the Late Branching Aster; flowers are produced on long heavy stems, are large and double, are of a bright carmine rose color	\$.50	\$4.00
Enchantress Pink. Flowers large and double; color, a delicate shade of pink	.40	2.00
Lady Roosevelt. One of the finest recent introductions; flowers resemble incurving Chrysanthemums, the color a gorgeous pink, of marvelous beauty; flowers are produced on long stems; season late	.50	4.00
Peerless Pink. A valuable variety of the late branching type, although coming into bloom a little earlier; bears a profusion of large, double flowers of a rich shell pink color, very similar in shade to the Mary Semple variety	.40	2.00
Lavender Gem. An excellent variety of "Comet" form, with large perfectly double flowers, color lavender	.40	2.50
Pink Beauty. Of the Chrysanthemum Flowered type; immense flowers; color, blush pink	.40	2.50
Mikado Pink or Rochester. Of Comet form, flowers larger and more perfectly double, averaging 5 inches in diameter; exquisite shade of shell pink	.30	1.50
Red Sensation. A new and attractive variety of branching habit, producing very double flowers of a rich ox blood red	.40	2.50
China or German Mixed. This mixture contains many sorts and colors	.15	.50

PERENNIAL ASTER (*Michaelmas Daisy*)

Mixed. All colors	.25	1.00
-------------------	-----	------

Auricula (*Primula Auricula*)

Choice Mixed. Hardy perennial with flowers of many beautiful colors	.40	4.00
---	-----	------

Avena. See Grasses, page 15

Balloon Vine

Cardiospermum	1/4 lb., 40c.	.10	.15
---------------	---------------	-----	-----

Balsam (*Lady Slipper*)

	Trade Pkt.	Oz.
A very desirable annual; the White Perfection and Prince Bismarck varieties are excellent for design work.		
Camellia Flowered Pink	\$.20	\$0.60
Prince Bismarck. Rich salmon pink	.25	1.00
Scarlet	.20	.60
White Perfection	.25	1.00
Choice Mixed	.15	.40
Fine Mixed	.10	.30

Balsam Apple

Momordica Balsamina	.10	.25
---------------------	-----	-----

Baptisia (*False Indigo*)

Australis. Tall, showy plants with deep blue flowers; perennial	.20	.60
---	-----	-----

Bartonia

Aurea. Dwarf edging plant; yellow flowers..... Trade Pkt. \$0.10 Oz. \$0.30

Beans (Flowering and Running)

Butterfly. Pink and white on same flower. (1/4 lb., 30c.) .10
 Scarlet Runner. (Pint, 40c.; 80c. per qt.)
 White Runner. (Pint, 40c.; 80c. per qt.)



Begonia, Gracilis Luminosa

Begonias

As a bedding plant there is nothing more satisfactory; also excellent for pot plants. Seeds sown in January make splendid flowering plants in May.

	Trade Pkt.	Oz.
Semperflorens Vernon. Deep red	\$0.25	\$2.50
" Anna Regina. Deep rose .....	.50	
" Erfordia. Pink .....	.30	
" Gromanii. Red. Pkt., 50c.		
" Queen of Carpet Bedders. Dwarf red..	.30	
" Salmon Queen. Salmony red.....	.50	
" Zulu King. Blood red .....	.50	
" Choice Mixed .....	.30	2.00

Begonia Gracilis

This type produces very compact little plants that are literally covered with flowers; an easy seller.

	Trade Pkt.	1/2 Oz.
Gracilis Prima Donna. Rose, shading to carmine....	\$0.50	\$2.00
" Rosea. Pink .....	.30	1.00
" Luminosa. Fiery dark scarlet .....	.40	2.00
" Alba. Pure white .....	.30	1.00

Begonia Rex Hybrids

Ornamental leaves, in self-color and variegation..... .50

Begonias, Tuberous Rooted

These are easily raised from seed; produce enormous flowers and are excellent for bedding, window boxes or pot culture.

	Trade Pkt.	Oz.
Single Mixed	\$0.50	
International Prize. Single; enormous flowers; extra fine. Original pkt., 20c.		
Double Mixed. Pkt., 34c.		

Bellis Perennis. See Daisy

Bocconia (Plume Poppy)

Cordata. Hardy perennial; creamy white flowers.... .15 .50

See pages 2 to 5 for Valuable Novelties and Specialties in Flower Seeds.

Brachycome (Swan River Daisy)

Iberidifolia. A profuse flowering annual with small blue flowers Trade Pkt. \$0.15 Oz. \$0.60

Briza. See Grasses, page 15

Bromus. See Grasses, page 15

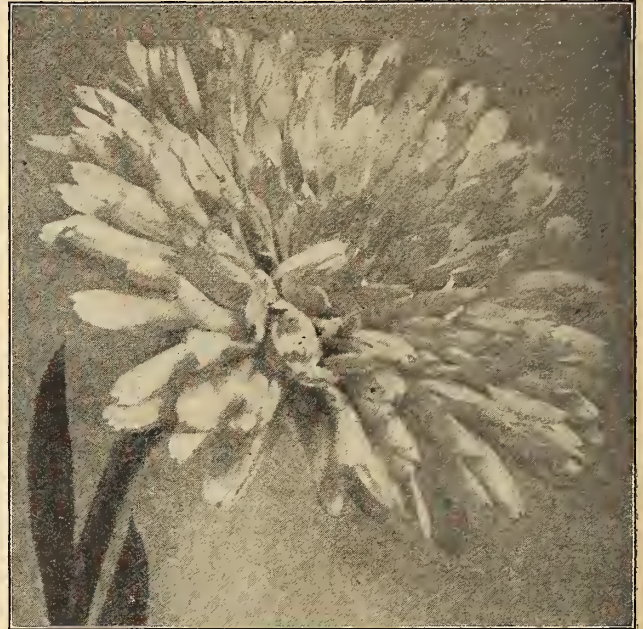
Browallia

Eлата Coerulea. Blue15 .60
 Speciosa Major. Most desirable variety as a pot plant; large flowers, rich blue40

Calceolaria

A most decorative pot plant, which finds ready sale if well grown. The strains we offer cannot be excelled. 1/2 Trade Pkt. Trade Pkt.

Hybrida Grandiflora. Choice mixed	\$0.60	\$1.00
Hybrida Grandiflora Compacta. Dwarf, mixed.....	.60	1.00
James' Superb Strain. Superfine, mixed .....	.60	1.00
Sutton's Perfection. In original packages, \$1.00.		
Rugosa, or Shrubby, Mixed. Choice bedding varieties	.60	1.00



Calendula, Michell's Special Forcing

Calendula (Pot Marigold)

Raised extensively as a pot plant for bedding. Michell's Special Forcing. Large flowers of a rich, orange yellow color. Large trade pkt., 50c.

	Trade Pkt.	Oz.	1/2 lb.
Grandiflora. Large orange yellow	\$0.10	\$0.15	\$0.40
Lemon King. Lemon yellow .....	.10	.15	.40
Meteor. Orange striped .....	.10	.15	.40
Orange King. Rich dark orange .....	.10	.15	.40
Prince of Orange. Dark orange striped.....	.10	.15	.40
Pure Gold. Golden yellow.....	.10	.15	.40
Sulphurea. Sulphur yellow .....	.10	.15	.40
Mixed .....	.10	.15	.35

Calliopsis (Coreopsis)

Annual Varieties

	Trade Pkt.	Oz.
Golden Wave (<i>Drummondii</i>). Golden yellow flowers..	\$0.10	\$0.20
Nigra Speciosa. Rich crimson maroon .....	.10	.20
Choice Mixed .....	.10	.15

Perennial Varieties

Splendid flowers for cutting during the whole summer.
 Lanceolata Grandiflora. Large golden yellow..... .10 .35
 California Sunbeams. Large flowers, yellow and brown15 .50

Canna (Indian Shot)

Dr. E. Ackernecht. Deep carmine .....	.10	.30
Eureka. Large white .....	.10	.30
Florence Vaughan. Yellow, spotted red .....	.10	.30
Louis Reverchon. Cochineal red .....	.10	.30
Mrs. Alfred F. Conard. Salmon pink .....	.10	.30
Crozy's Dwarf Mixed. 1/4 lb., 50c.....		.15

Campanula (Bell Flower) (Perennial)

The taller sorts are splendid for cut flowers and most decorative; as a border plant they are indispensable.

	Trade Pkt.	Oz.
Carpatica Blue. Dwarf, 6 inches	\$0.15	\$0.75
" White. Dwarf, 6 inches	.15	.75
Persicifolia Grandiflora Blue. Grows 3 to 4 feet high and produces large bell-shaped flowers along the whole stem	.30	1.75
Persicifolia Grandiflora White	.30	1.75
Pyramidalis (Chimney Bell Flower). 6 feet. Blue and white mixed	.20	1.00

CAMPANULA, MEDIA (Canterbury Bell) (Biennial)

Single Blue	.10	.40
" Pink	.10	.40
" White	.10	.40
" Mixed	.10	.30
Double Mixed	.20	.75

CAMPANULA CALYCANTHEMA (Cup and Saucer)

Calycanthemum White	.25	1.75
" Pink	.25	1.75
" Blue	.25	1.75
" Mixed	.20	1.25



Candytuft, Michell's Giant White

Candytuft (Iberis)

Splendid edging plants, and also excellent for cutting.

	Trade Pkt.	Oz.	1/4 lb.
Michell's Giant White. Immense spikes of pure white flowers (Lb., \$3.50)	\$0.15	\$0.40	\$1.25
Empress. Flat heads of white flowers (Lb., \$2.00)	.10	.20	.60
Pink	.10	.20	.60
Crimson	.10	.15	.50
Carmin	.10	.25	.75
Purple	.10	.20	.60
White Rocket	.10	.10	.30
Little Prince. Very dwarf, white	.10	.25	.75
Mixed. All colors	.10	.10	.30
Sempervirens. Perennial; fine for edging borders; white	.40	2.25	

Carnation

Desirable for greenhouse culture in winter as well as for the garden in summer.

	Trade Pkt.	Oz.
Early Vienna Mixed	\$0.25	\$1.50
Chabaud's Everblooming. Choice mixed	.40	2.00
Choice Mixed. Double border	.40	1.50
Marguerite Excelsior, Mixed. Extra large flowers	.30	1.25
Marguerite Pink	.30	1.50
" White	.30	1.50
" Scarlet	.30	1.50
" Yellow	.30	1.50
" Choice Mixed	.20	.75

Cardinal Climber

Ipomoea Quamoclit Hybrida. A rapid growing annual climber, bearing a profusion of fiery, cardinal red flowers. In order to have good germination, a small notch should be filed or cut in each seed.

	.50	3.00
--	-----	------

Celosia

Trade Pkt. Oz.

Cristata or Cockscomb Varieties

Giant Empress. Bright crimson, dark foliage	\$0.25	\$1.25
Glasgow Prize. Dark crimson	.25	1.25
Aurea. Yellow	.25	1.25
Sutton's Prize. Dwarf scarlet (Orig. pkt., 50c.)		
Choice Mixed. Dwarf sorts	.15	.75

Plumosa or Feathered Varieties

Pride of Castle Gould. Color, blood red, carmine, yellow, orange scarlet, etc., in mixture. (1/8 oz., \$1.00)	.30	
Scarlet	.10	.40
Golden Plume. Deep golden yellow	.10	.40
Spicata. Bright rose, turning to silvery white	.15	.60
Thompson's Magnifica. Various colors	.20	.75
Thompson's Superb. Crimson	.15	.60
Choice Mixed	.10	.30



Centaurea Imperialis (Natural Size)

Centaurea

Centaurea Cyanus (Cornflower)

	Trade Pkt.	Oz.
Emperor William. Deep blue (1/4 lb., 75c.)	\$0.10	\$0.20
Double Blue. Splendid for forcing	.15	.65
Pink	.10	.25
White	.10	.25
Choice Mixed (1/4 lb., 70c.)	.10	.20
Double Mixed	.10	.30

Centaurea Imperialis (Giant Cornflower)

Deep Rose	\$0.15	\$0.75
Lavender	.15	.75
Lilac	.15	.75
Brilliant Pink	.15	.75
Purple	.15	.75
White	.15	.75
Choice Mixed	.10	.50

New Giant Flowered Centaureas

Magnificent flowers of brilliant colors; excellent for cutting.

	Trade Pkt.	Oz.
The Bride. Pure white	\$0.30	
The Bridegroom. Purplish mauve	.30	
Honeymoon. Golden yellow	.30	

White Leaved Centaureas (Dusty Miller)

Candidissima. Broad cut silvery gray foliage. (1000 seeds, 40c.)		\$2.00
Gymnocarpa. Fine cut silvery foliage. (1000 seeds, 15c.)		.50

Various Centaureas

Americana. Lilac purple	.15	.40
Suaveolens. Large yellow	.10	.50
Montana. Perennial, blue	.25	1.25
Montana Alba. Perennial, white	.25	

Cerastium (Snow in Summer)

Tomentosum. Dwarf, white leaved edging plant; flowers white; perennial	.30	2.00
---	-----	------

Chrysanthemum

Annual Varieties

	Trade Pkt.	Oz.
Helios (<i>Evening Star</i>). Large golden yellow.....	\$0.10	\$0.25
White Star. Large white, yellow centre with dark disc	.15	.40
Inodorum Snowball. Large double white flowers of finest form; excellent for cutting .....	.15	.60
Single Mixed .....	.10	.20
Double Mixed .....	.10	.20

Perennial Varieties

Mrs. C. Lothian Bell. Immense pure white flowers...	.40	1.75
Frutescens Grandiflorum (<i>Paris Daisy</i>). White.....	.15	.60
Shasta Daisy "Alaska" Pure white .....	.40	2.00
King Edward VII. Extra large; pure white.....	.20	.75
Japanese Hybrids. Large flowered, mixed.....	.50	

Michell's "Distinctive" Cinerarias

Our improved strains have been acclaimed wonderful; immense trusses of the largest flowers.

	Trade Pkt.	Oz.
Dwarf Grandiflora Prize. Mixed colors	\$0.60	\$1.00
Medium Tall Grandiflora Prize. Mixed colors.....	.60	1.00
James' Giant Strain. Mixed colors .....	.60	1.00
Sutton's Superb. Mixed colors..... (Orig. pkt., 75c.)		
Matador. Large flowering scarlet .....	.60	1.00
Hybrida, Choice Mixed .....	.30	.50
Radiata Hybrida. Small star-like flowers.....	.60	1.00
Sutton's Stellata. Star-shaped..... (Orig. pkt., 75c.)		
Stellata Hybrida. Mixed colors .....	.60	1.00

Cineraria (Dusty Miller)

Maritima Candidissima. White leaved; used for bedding	\$0.10	\$0.30
---	--------	--------

Clarkia

Single Mixed .....	.10	.25
Double Mixed .....	.10	.30

Clematis

Flammula. Feathery white flowers .....	.10	.30
Jackman's Large Flowering. Mixed .....	.30	2.25
Paniculata. White star-shaped flowers .....	.15	.50

Cleome (Giant Spider Plant)

Pungens. Rose-colored flowers10	.25
-------------------------------------	-----	-----



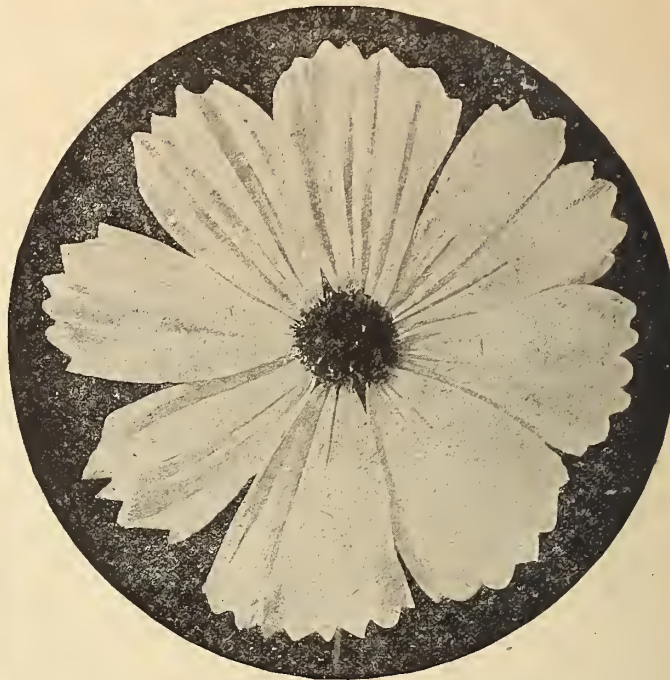
Cineraria—Michell's Grandiflora Prize

Cobea Scandens (Cup and Sancer Vine)

A graceful vine of which millions are sold annually by florists as pot plants. Seeds should be placed edgewise to insure good germination.

Purple	\$0.15	\$0.40
White .....	.20	.75

Coix Lachrymae. See Grasses, page 15



Michell's Giant Fancy Cosmos

COSMOS

Michell's Large Early Flowering

This new Early Flowering Strain begins blooming very early and produces flowers of large size.

	Trade Pkt.	Oz.
Large Early Flowering, Crimson	\$0.15	\$0.50
" " " Pink .....	.15	.50
" " " White .....	.15	.50
" " " Mixed .....	.15	.40
Dawn. Dwarf early; white, tinged pink....	.15	.40

Giant or Late Cosmos

Giant Flowering Pink .....	.10	.30
" " Crimson .....	.10	.30
" " White .....	.10	.30
" " Mixed .....	.10	.25
" Fancy Varieties. Mixed .....	.25	.75
" Crimson Ray (<i>New</i>). Has narrow and fluted crimson petals, separated in star-like form .....	.20	.60
" Lady Lenox. Immense flowers; color, beautiful shell pink .....	.15	.40
" White Lady. A new pure white variety .....	.15	.50
" Rainbow. Large frilled flowers; mixed .....	.20	.60
Klondyke. Yellow .....	.25	.75
Double Pink Beauty .....	.40	2.00
" White Queen .....	.40	2.00
" Red Beauty .....	.50	2.50

Coleus

Large Leaved. Choicest mixed50	2.50
------------------------------------	-----	------

Convolvulus (Morning Glory)

Major or Tall Varieties

	Trade Pkt.	Oz.	1/2 lb.
Japanese Imperial. Mixed	\$0.10	\$0.15	\$0.40
Japanese Imperial Fringed. Mixed..	.10	.20	.60
Mixed. Ordinary variety.. (lb., 75c.)		.10	.25
Double Snow Fairy. Pure white....	.15	.40	
Double Flowering. Mixed colors.....	.10	.30	1.00

Minor or Dwarf Varieties

Tricolor. Blue .....	.15	.50
Mixed .....	.10	.25

Cuphea (Cigar Plant)

Platycentra. Scarlet40	
----------------------------	-----	--



Michell's "Distinctive" Giant Cyclamen

Cyclamen—Michell's "Distinctive" Giant

This is an English strain, grown for us exclusively by a grower of world-renown, and the quality cannot be surpassed. Flowers are gigantic; colors clear and superb; specimen plants are a thing of beauty and always win first prize at exhibitions.

	100 Seeds	1000 Seeds
Duke of Connaught. Crimson	\$1.25	\$10.00
Excelsior. White with red base	1.25	10.00
Grandiflora Alba. White	1.25	10.00
Princess of Wales. Pink	1.25	10.00
Salmon Queen. Salmon pink	1.25	10.00
Mixed. A splendid assortment of colors	1.00	9.00

Various Cyclamen

Mrs. Buckston. Frilled and waved flowers; color, delicate salmon. Orig. pkt., 75c.	
St. George. Delicate salmon; foliage marbled. Orig. pkt., 75c.	
Sutton's Giant. Mixed colors. Orig. pkt., 75c.	
Papilio (Butterfly). Mixed colors. \$1.00 per 100 seeds.	
Persicum. Choice mixed. Trade pkt., 40c.; \$3.00 per oz.	

Cyperus (Umbrella Plant)

	Trade Pkt.	Oz.
Alternifolius	\$.030	\$1.50

Dahlia

Both the Double and Single Dahlias can be easily grown from seed, and will produce blooming plants the first summer if the seed is sown before June.

	Trade Pkt.	Oz.
Double Cactus. All colors mixed	.40	2.00
Double Large Flowering. Show type, mixed	.25	1.00
Single Collarette. Flowers of various colors, with a collar of small petals around the centre	.25	1.00
Single Giant Perfection. Mixed	.25	.75
Single Twentieth Century. Flowers of immense size, with distinct colorings	.40	1.50

Cypress Vine (Ipomoea Quamoclit)

	Trade Pkt.	Oz.
Scarlet	.10	.25
White	.10	.25
Mixed	.10	.25

Daisy, English Double (Bellis Perennis)

	Trade Pkt.	Oz.
Monstrosa Pink	(\$1.50) .50	
Monstrosa White	(\$1.50) .50	
Monstrosa Mixed	(\$1.25) .50	
Longfellow. Large pink	.30	1.75
Snowball. Large white	.30	1.75
Double Mixed	.30	1.50

Datura (Trumpet Flower)

Cornucopia. White, marbled purple	.10	.50
Double Golden	.10	.40
Double Mixed	.10	.35
Brugmansia	.40	

Delphinium (Perennial Larkspur)

Kelway's Giant. Enormous spikes with flowers of many shades of blue	.40	1.50
Bella Donna. Light turquoise blue	.50	3.00
Formosum. Deep blue	.20	.75
Formosum Coelestinum. Sky blue	.25	2.25
Rev. E. Lascelles. Flowers large and double, deep blue with white centre	.40	3.00
Cashmerianum. Large, dark blue	.40	
Chinense Grandiflorum. Dwarf, blue	.10	.50
Chinense Grandiflorum Album. White	.10	.50
Duke of Connaught. Oxford blue, white eye	.40	3.00
Elatum (Bee Larkspur). Blue	.20	.75
Nudicaule. Scarlet	.40	
Queen Wilhelmina. Soft lavender-blue, flushed with rose, white eye	.40	3.00
Zalil. Yellow	.40	
Hybridum Mixed. All shades	.10	.40

For ANNUAL LARKSPUR see page 16

Dianthus (Pinks)

Double Annual Sorts

	Trade Pkt.	Oz.
China or India Pinks. Mixed	\$.010	\$0.30
Fireball. Fiery scarlet	.20	.75
Fringed. Large, mixed colors	.15	.60
Japan Pink. Choice mixed	.15	.50
White. Fringed flowers	.15	.60

Dianthus—Single Annual Sorts

Japan Pink. Mixed colors	.15	.50
Nobilis (Japan Royal). Mixed	.20	.60
Salmon Queen. Brilliant salmon color	.20	.75

Dianthus—Hardy Garden Sorts

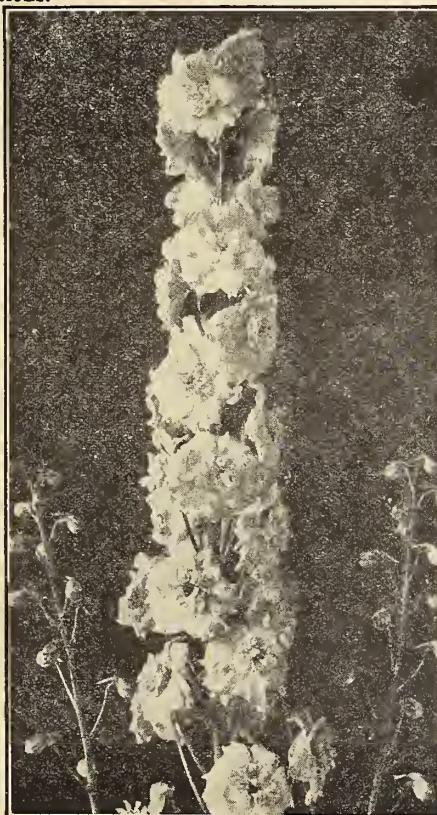
Clove Scented. Double mixed	.30	1.50
Dwarf Erfurt. Fragrant; double; mixed colors	.50	2.50
Pheasant's Eye. Single fringed flowers; mixed	.10	.40
Double Scotch. Choice colors; mixed	.30	1.50

Dictamnus (Gas Plant)

Fraxinella. Perennial; purple red flowers	.10	.40
---	-----	-----

Dimorphotheca

Aurantiaca (African Orange Daisy). Golden orange daisy-like flowers; splendid for cutting, and well adapted for forcing	.20	.75
Aurantiaca Hybrida. A splendid mixture of colors and shades	.30	1.25
Aurantiaca Hybrida, fl. pl. Double and semi-double flowers in various colors. Pkt., 15c.		



Delphinium, Kelway's Giant

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Digitalis Gloxiniaeflora

Digitalis (Foxglove)		Trade Pkt.	Oz.
Gloxiniaeflora, Pink	.....	\$.15	\$.50
" Purple	.....	.15	.50
" White	.....	.15	.50
" Mixed	.....	.10	.40
Grandiflora, Light yellow	.....	.10	.40
Monstrosa, Mixed	.....	.25	.75

Dolichos (Hyalanth Bean)

Darkness, Purple violet	.....	.15
Daylight, Pure white	.....	.15
Choice Mixed	..... (1/4 lb., 30c.)	.10

Dracena

Useful as centre plants for vases, baskets, etc. The seed is sent out in the hull or berry and should be rubbed out before sowing.

Indivisa, Narrow green leaves; the popular sort for bedding or vases	..... (1/4 lb., \$1.00)	\$.10	\$.30
Australis, Broad leaves	.....	.15	.50

Echinocystis (Wild Cucumber Vine)

Lobata10	.20
--------	-------	-----	-----

Edelweiss

Gnaphalium Leontopodium, The popular Alpine30
---	-------	-----

Eschscholtzia (California Poppy)

Californica, Yellow	.....	.10	.20
Carmine King, Carmine rose	.....	.10	.40
Golden West, Large golden yellow	.....	.10	.25
Mandarin, Orange and scarlet	.....	.10	.25
Orange	.....	.10	.20
Rose Cardinal, Carmine rose	.....	.10	.30
White	.....	.10	.20
Choice Mixed	.....	.10	.20

Eulalia See Grasses, page 15.

Eupatorium

A fine perennial, and useful for cutting.

Fraseri, White flowers15	.60
------------------------	-------	-----	-----

Ferns

We can supply fresh spores of the following excellent varieties of Ferns:

Adiantum Cuneatum	Pteris Magnifica
" Mixed	" Mayii
Aspidium Tensimense	" Serrulata Cristata
Cyrtomium Falcatum	" Tremula
Lomaria Gibba	" Victoria
Lygodium Scandens	" Wimsettii
Pteris Adiantoides	" Wilsoni
" Alba Lineata	" Mixed Varieties

Mixed. Many choice varieties
Any of the above varieties, 50c. per trade packet.

Euphorbia

Trade Pkt. Oz.

Heterophylla (<i>Mexican Fire Plant</i>). Ornamental foliage plant, red flower bracts	.....	\$.15	\$.60
Variegata (<i>Snow on the Mountain</i>). Variegated foliage and white flower bracts	.....	.10	.40

Feverfew (Matricaria)

Double White, Fine for cut flowers	\$.10	\$.30
------------------------------------	-------	-------	-------

Fuchsia

Mixed, Best single and double	\$.60	\$.45
-------------------------------	-------	-------	-------



Gaillardia, Grandiflora

Gaillardia

Annual Varieties

		Trade Pkt.	Oz.
Picta, Single mixed	.....	\$.10	\$.30
Picta Lorenziana, Double mixed	.....	.10	.30

Gaillardia—Perennial Varieties

These occasionally flower the first year from seed. Gigantic attractive flowers appear during the whole season; fine for cutting or borders.

		Trade Pkt.	Oz.
Grandiflora Compacta, Mixed	.....	\$.15	\$.60
" Superba, Mixed	.....	.10	.40
Sanguinea, Blood red	.....	.20	.75
Sulphurea Oculata, Sulphur yellow, maroon eye	.....	.25	.75
Semi-Double, Mixed	.....	.25	.75

Gentiana (Blue Gentian)

Acaulis, Hardy perennial; blue flowers25	1.25
--	-------	-----	------

Geranium

Apple Scented, Per 100 seeds, 25c.; \$1.75 per 1000 seeds	.....	
Pelargonium (<i>Lady Washington</i>), Per 100 seeds, \$1.25	.....	
Zonale, Mixed	.....	.25	1.00

Gerbera (Transvaal Daisy)

Splendid greenhouse perennials, with large daisy-like flowers; fine for pot plants or for cutting.

Jamesoni Gigantea, Immense scarlet flowers. Per 100 seeds, 75c.
Jamesoni Hybrida, These hybrids include a wonderful range of brilliant colors and shades. Per 100 seeds, 75c.

Geum

Atrosanguineum Fl. Pl. Large, showy double dark crimson flowers, perennial20	.75
--	-------	-----	-----

Gloxinia

Carefully saved seeds from perfect flowers and shapely plants.
Hybrida Grandiflora, Choicest Mixed. (1/2 trade pkt., 60c.)

.....	\$.10
-------	-------

Godetia (Satin Flower) Trade Pkt. Oz.

Beautiful and easily grown annuals.
 Gloriosa. Blood red\$0.10 \$0.50
 Choice Mixed10 .25

Golden Rod

Solidago Canadensis. Perennial; golden yellow..... .10 .50

Gomphrena (Globe Amaranth)

Also called "Bachelor's Buttons"; useful for bedding, also for cutting.
 Trade Pkt. Oz.
 Nana Compacta. Dwarf red\$0.10 \$0.40
 Mixed. All colors10 .25

Gourd (Ornamental)

Calabash, or Dipper. Very useful10 .25
 Egg-Shaped. White10 .25
 Hercules Club. Club-shaped; 4 feet long..... .10 .25
 Luffa (Dish Rag or Bonnet Gourd)..... .10 .25
 Orange-Shaped (Mock Orange)..... .10 .25
 Pear-Shaped. Striped; very showy10 .25
 Serpent. Striped like a serpent; 5 feet long..... .10 .25
 Sugar Trough. Used as water holders..... .10 .25
 Mixed. In a great variety10 .20

Grasses (Ornamental)

Annual Varieties

Avena Sterilis (Animated Oats)..... .10 .15
 Briza Maxima (Quaking Grass)..... .10 .25
 Bromus Brizaeformis10 .20
 Coix Lachrymae (Job's Tears)..... .10 .10
 Hordeum Jubatum (Squirrel Tail Grass)..... .10 .40
 Pennisetum Lougistylum10 .40
 Pennisetum Ruppelianum (Purple Fountain Grass) .. .10 .40

Perennial Varieties

Arundo Donax (Great Reed)..... .15 .50
 Eulalia Japonica10 .40
 Gynierium Argenteum (Pampas Grass)..... .10 .40
 Stipa Pennata (Feather Grass)..... .15

Grevillea (Silk Oak)

Robusta. An ornamental foliage plant, grown extensively for vase work and very easily grown from seed20 .75

Gypsophila (Baby's Breath)

Free flowering plants of easy culture, excellent for cutting to mix with other flowers.
 Trade Pkt. Oz.
 Elegans Alba Grandiflora. Hardy annual variety; flowers pure white (1/4 lb., 40c.) \$0.10 \$0.15
 Paniculata. Perennial; graceful sprays of white flowers15 .50
 Paniculata Fl. Pl. Perennial, with double white flowers. Per pkt., 15c.



Helichrysum (Straw Flower)

Helichrysum (Straw Flower)

The varieties offered below are all of the Monstrosum type, producing large and perfectly double flowers. Valuable for cutting or decoration, either when fresh or in their dried state.

	Trade Pkt.	Oz.
Fireball. Crimson	.25	.75
Golden Ball. Golden yellow	.25	.75
Salmon Pink	.25	.75
Silver Ball. White	.25	.75
Choice Mixed	.10	.50

Helenium

Autumnale Superbum. Perennial; golden yellow flowers. Trade pkt., 25c.; oz., \$1.50.

Helianthus
 See Sunflower

Heliopsis

(Orange Sunflower)
 Pitcheriana. Perennial; deep golden yellow flowers; excellent for cutting. Trade pkt., 10c.; oz., 40c.

Heliotrope

Highly prized on account of the delightful fragrance of the flowers; excellent for pots or bedding.

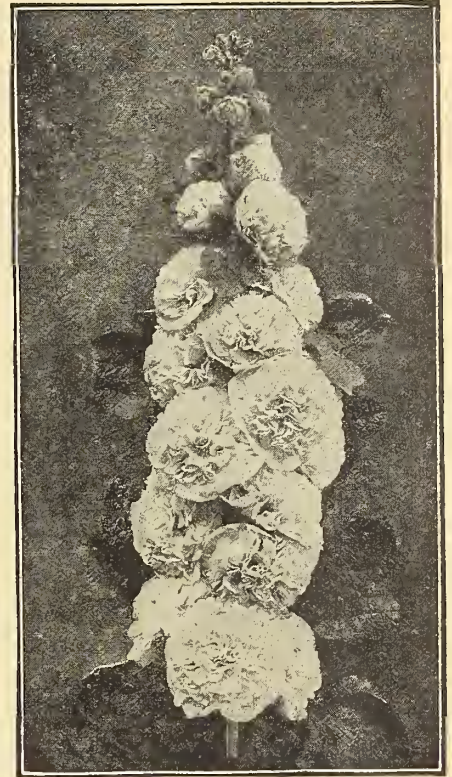
Lemoine's Giant Hybrids. Immense flowers. Trade pkt., 40c.; oz., \$1.50.

Regal. Dwarf large flowering. Trade pkt., 40c.; oz., \$2.00.
 Choice Mixed. Trade pkt., 25c.; oz., \$1.25.

Heuchera

(Alum Root)

Sanguinea. Hardy perennial; spikes of vivid crimson flowers; excellent for cutting. Trade pkt., 40c.



Hollyhocks

Hollyhock

Our seed of this popular perennial plant is saved from extra fine double flowers and cannot be surpassed.

	Trade Pkt.	Oz.
Chater's Double Maroon	\$.025	\$.075
" " Pink	.25	.75
" " Red	.25	.75
" " Salmon	.25	.75
" " White	.25	1.00
" " Yellow	.25	.75
" " Mixed	.20	.60
Allegheny Semi-Double Fringed Mixed	.20	.75
Double Hybrid Everblooming Mixed. Flowers the first year from seed	.25	.75
Single Hybrid Everblooming Mixed	.20	.60
Single Mixed	.15	.50

Hibiscus (Marshmallow)

Showy ornamental plants with large and beautifully colored flowers.

	Trade Pkt.	Oz.
New Giant (Mallow Marvel). Mixed	\$.025	\$.075
Crimson Eye. White with crimson centre	.15	.50
Golden Bowl. Yellow, with maroon centre	.20	.75
Moscheutos. Large pink flowers	.10	.40

Honesty (Lunaria Biennis)

Hardy biennial, admired for its silvery seed panicles.. .10 .40

Hordeum See Grasses, opposite column

Humulus (Japanese Hop)

A rapid-growing annual climber; very ornamental.
 Japonicus. Green foliage\$0.10 \$0.30
 Variegatus. Leaves mottled with white10 .30

Hunnemannia (Giant Yellow Tulp Poppy)

Will produce flowers from July till frost; good for cutting.
 Trade Pkt. Oz.
 Fumariaefolia\$0.10 \$0.40

Impatiens (Sultan's Balsam)

An elegant plant for house and conservatory decoration.
 Trade Pkt. Oz.
 Holsti. Vermilion red\$0.40
 Holsti New Hybrids. Various colors40
 Sultani. Bright rose40
 Sultani Hybrida. Various colors40

Incarvillea (Hardy Gloxinia)

Delavayi. Gloxinia-like flowers of a deep pink..... .40 \$2.00



Ipomoea, (Moon Flower)



Lobelia, Crystal Palace Compacta

Lobelia

One of the best plants for edging beds, or for pots, baskets and vases. Seed should be sown early.

	Trade Pkt.	Oz.
Crystal Palace Compacta. This is the leading dwarf variety, having dark blue flowers carried erect....	\$.30	\$1.50
Barnard's Perpetual. Dwarf blue with white eye trailing	.25	1.50
Sapphire. A beautiful trailing variety, deep blue with white eye	.40	
Crystal Palace Speciosa. The best trailing sort for baskets and vases; deep blue.	.15	.60
Emperor William. Dwarf, light blue	.25	1.50
Gracilis. Light blue, trailing	.15	.60
White Gem. Pure white; dwarf	.25	1.50
Choice Mixed	.15	.60

Lobelia Perennial

Cardinalis (The Cardinal Flower). Stately plants with spikes of cardinal red flowers..... .40 2.25

Lophospermum

Scandens. For hanging baskets, vases, etc..... .30 1.50



Larkspur, Double Tall Stock, Flowered

Ipomoea Trade Pkt. Oz.

Noctiflora (*Moon Flower*). Large white. Lb., \$4.00; \$1.25 1/4 lb..... \$0.15 \$0.40

Grandiflora Superba. Blue, edged white10 .25

Heavenly Blue (*Rubra Coerulea*)..... .20 .75

Quamoclit Hybrida (*Cardinal Climber*). Fiery, cardinal red50 3.00

Setosa (*Brazilian Morning Glory*). Pink..... .10 .25

Mixed10 .20

Iris (Flowering Flag)

Kaempferi (Japanese Iris). Mixed colors..... .10 .35

Kenilworth Ivy

Linaria Cymbalaria. Flowers violet25 1.50

Kochia (Summer Cypress, or Mexican Fire Bush)

Trichophylla. A very popular annual10 .15

Lantana

A valuable plant for bedding, pot culture or vases.

Dwarf Compact Mixed15 .40

Choice Mixed10 .25

Larkspur (Annual)

A very popular annual for cutting.

Tall Stock Flowered Dark Blue \$0.10 \$0.50

" " " Sky Blue10 .50

" " " Shell Pink10 .50

" " " White10 .50

" " " Mixed10 .30

Giant Hyacinth Flowered White15 .75

" " " Dark Blue15 .75

" " " Mixed10 .40

Dwarf Double Rocket. Mixed colors10 .20

Lathyrus Latifolius (Perennial Pea)

Crimson15 .40

Pink Beauty. Bright pink20 .75

White15 .50

Choice Mixed10 .40

Lavatera

Splendens Rosea. A splendid annual for cutting and decorative work; pink flowers15 .50

Lavender

Lavandula Vera (True). Fragrant blue flowers..... .15 .60

Leptosyne

Maritima. Free-flowering annual, with large, single yellow flowers; fine for cut flowers..... .30 1.25

Lily of the Valley

Convallaria Majalis30 1.50

Linum

Grandiflorum Rubrum (Scarlet Flax)..... .10 .15

Lupinus (Annual)

A splendid annual for forcing in greenhouses. Long spikes of flowers which are showy, and keep well after cutting. An easy seller.

	Trade Pkt.	Oz.
Michell's Pink Beauty. This is by far the best; color a most pleasing delicate salmon pink.....	\$0.10	\$0.40
Blue .....	.10	.30
Pink .....	.10	.30
Scarlet, White Tipped .....	.10	.30
White .....	.10	.30
Yellow .....	.10	.40
Mixed .....	.10	.25

Lupinus—Perennial Varieties

Showy plants for semi-shady spots.

Polyphyllus Roseus. Soft pink .....	.25	1.00
" Somerset (New). Yellow .....	.30	1.75
" Blue .....	.10	.25
" White .....	.10	.25
" Mixed. All colors .....	.10	.20

Lychnis

Chalcedonica. Perennial; scarlet; 2 feet .....	.10	.40
Arkwrightii (New). A cross between Lychnis Chalcedonica and Haageana. Many shades in orange, pink, cream and scarlet to dark velvety maroon. Per pkt., 25c.		
Haageana Hybrida. Mixed; 1 foot .....	.30	1.75

Lythrum

Roseum Superbum. Stately spikes of pink flowers, 3 feet, August10	.40
---	-----	-----



Marigold, Eldorado

Marigold

Dwarf French Varieties

	Trade Pkt.	Oz.
Gold Striped. Double	\$0.10	\$0.40
Legion of Honour (Little Brownie). Single, yellow and red .....	.10	.25
Liliput. Very dwarf mixed .....	.15	.60
Dwarf French Mixed .....	.10	.25

Marigold—African Varieties

El Dorado. Tall growing sort, double orange.....	.10	.30
Orange Prince. Rich orange yellow, double.....	.15	.50
Lemon Queen. Clear lemon yellow, double.....	.15	.50
Orange Beauty. Single orange yellow .....	.20	.75
Pride of the Garden. Golden yellow, dwarf.....	.15	.40
Tall Double Mixed .....	.10	.25

Marvel of Peru (Four O'clocks)

Mixed. (1/4 lb., 40c.)15
------------------------------	--	-----

Matricaria. See Feverfew

Matthiola

Bicornis (Evening Scented Stock). Purplish lilac....	.10	.25
--	-----	-----

Maurandia

Trade Pkt. Oz.

A splendid flowering plant for vases, baskets, etc.		
Barclayana. Purple	\$0.25	\$1.50
Choice Mixed .....	.25	1.25

Mesembryanthemum

Cordifolium Variegatum. Pink flowers.....	.40	
Crystallinum (Ice Plant). White flowers.....	.10	.30
Tricolor (Wax Plant). Various colors .....	.15	.60



Mignonette, Michell's Colossal

Mignonette

Trade Pkt. Oz.

Michell's Colossal. One of the finest sorts for forcing. Colossal spikes from 18 to 24 inches high, with massive flowers	\$0.40	\$5.00
Allen's Defiance. Large spikes..... (1/4 lb., \$1.25)	.15	.40
Bismarck. Large compact heads.....	.20	.60
Machet. Improved and selected..... (1/4 lb., 75c.)	.10	.25
Golden Yacht. Yellow .....	.10	.25
Goliath. Giant spikes .....	.15	.50
Sutton's Giant. Fine, large reddish buff. Original pkts., 35c.		
Miles' Spiral. Good for outdoor..... (1/4 lb., 75c.)	.10	.25
Parson's White. Almost white .....	.10	.25
Sweet Scented. Large flowering..... (1/4 lb., 30c.)		.10

Mimulus

Moschatus (Musk Plant). Yellow flowers; fragrant foliage .....	.30	
Tigrinus (Monkey Flower). Mixed .....	.30	1.50

Moonflower See Ipomoea

Morning Glory See Convolvulus

Musa

Ensete (Abyssinian Banana). 50c. per 25 seeds; 100 seeds, \$1.25.		
---	--	--

Myosotis (Forget-Me-Not)

Trade

	Pkt.	Oz.
Alpestris Victoria. Bright blue; the best for bedding; dwarf and compact .....	.25	1.00
Ruth Fischer. Flowers large, and of true Forget-Me-Not blue .....	.50	
Dissitiflora. Deep blue .....	.30	2.50
Eliza Fanrobert. Blue; fine for pots .....	.20	1.00
Palustris. Heavy, robust plants, deep blue.....	.30	
" Semperflorens. Everblooming, blue .....	.30	
Grandiflora Alba. White .....	.20	.75
" Rosea. Pink .....	.20	.75
Royal Blue. Erect growing; blue .....	.30	1.25
Choice Mixed .....	.15	.60



Michell's Giant Flowering Nasturtiums

Nasturtiums

Dwarf or Tom Thumb Varieties

	Oz.	1/4 lb.	lb.
Michell's Giant Flowering Mixed	\$.020	\$0.35	\$1.00
Choice Mixed	.12	.25	.75
Liliput Mixed. Very dwarf, good for pots	.10	.30	1.00
Queen of Tom Thumb Mixed. Silver variegated foliage, very showy	.10	.30	1.00
Queen of Tom Thumb Crimson	.15	.40	1.25
Golden Foliage Mixed	.10	.30	1.00
Geranium Leaved. Scarlet	.10	.30	1.00
Ivy Leaved Mixed	.15	.40	1.25
David Burpee Spencer. Leaves wavy and ruffled; flowers deep scarlet	.20	.50	1.50
Aurora. Bright orange	.10	.25	.75
Beauty. Red and yellow	.10	.25	.75
Bronze. Burnished bronze color	.10	.25	.75
Chameleon. Various colors on same plant	.10	.25	.75
Cloth of Gold. Scarlet, yellow foliage	.10	.25	.75
Crystal Palace Gem. Sulphur, spotted maroon	.10	.25	.75
Empress of India. Crimson, dark foliage	.10	.25	.75
Golden Queen. Yellow flowers and foliage	.10	.25	.75
Golden King. Golden yellow	.10	.25	.75
King of Tom Thumbs. Dark scarlet	.10	.25	.75
King Theodore. Crimson maroon, dark foliage	.10	.25	.75
Lady Bird. Yellow and red	.10	.25	.75
Pearl. Creamy white	.10	.25	.75
Pink	.10	.25	.75
Prince Henry. Cream, spotted and tipped red	.10	.25	.75
Scarlet	.10	.25	.75
Spotted. Orange, spotted crimson	.10	.25	.75
Vesuvius. Salmon pink, dark leaved	.10	.25	.75
Yellow	.10	.25	.75

Climbing or Trailing Varieties

	Oz.	1/4 lb.	lb.
Michell's Giant Flowering Mixed	\$.020	\$0.35	\$1.00
Choice Mixed	.10	.20	.60
Queen of Talls, Mixed. Mottled foliage	.10	.25	.75
Hybrids of Madame Gunther, Mixed	.10	.25	.75
Ivy Leaved Mixed	.10	.30	1.00
Chameleon. Various colors on same plant	.10	.25	.75
Crimson	.10	.25	.75
Hemisphaericum. Orange salmon and scarlet	.10	.25	.75
Jupiter. Yellow, crinkled petals	.10	.25	.75
King Theodore. Crimson maroon, dark foliage	.10	.25	.75
Orange	.10	.25	.75
Pearl. Creamy white	.10	.25	.75
Pink	.10	.25	.75
Prince Henry. Cream, spotted and tipped red	.10	.25	.75
Scarlet	.10	.25	.75
Vesuvius. Salmon pink, dark leaved	.10	.25	.75
Yellow	.10	.25	.75

Nasturtiums (Continued)

Lobb's Climbing

	Oz.	1/4 lb.	lb.
Asa Gray. Yellowish white	\$.10	\$0.30	\$1.00
Brilliant. Glowing scarlet	.10	.30	1.00
Giant of Battles. Yellow, with carmine	.10	.30	1.00
Golden Queen. Golden yellow	.10	.30	1.00
Roi des Noirs. Dark garnet red	.10	.30	1.00
Rudolph Virchow. Fine ruby rose	.10	.30	1.00
Spitfire. Brilliant scarlet	.10	.30	1.00
Choice Mixed. Lobb's varieties	.10	.25	.75

Nemesia

	Trade Pkt.	Oz.
Strumosa Suttoni. Annual; flowers large, varying in color from creamy white to deep orange and carmine	\$.40	\$2.00

Nemophila (Love Grove)

Mixed. A very pretty annual of easy culture	.10	.20
---	-----	-----

Nicotiana (Ornamental Tobacco)

An easily grown annual; either for beds or clumps in borders.

Affinis. Large white fragrant flowers	\$.10	\$0.25
Hybrids. Mixed colors	.15	.50
Sanderæ. Flowers carmine red	.15	.50
Sylvestris. Pure white, fragrant	.10	.25

Nierembergia

Frutescens. White, tinted with lilac	.15	.75
--------------------------------------	-----	-----



Nigella—Miss Jekyll

Nigella (Love in a Mist)

	Trade Pkt.	Oz.
Damascena. Double mixed	\$.10	\$0.15
Miss Jekyll. Beautiful clear blue, excellent for cutting	.10	.30

Oenothera (Evening Primrose)

Mixed. Annual varieties	.10	.15
-------------------------	-----	-----

Paris Daisy. See Chrysanthemum

Passiflora (Passion Flower)

Mixed	.20	1.00
-------	-----	------

Pelargonium. See Geranium

Pennisetum. See grasses, page 15

Pentstemon

Sensation. Annual variety; mixed colors	.30	1.75
Barbatus Torreyi. Perennial, scarlet	.25	1.00
Mixed. Hardy perennial	.15	.60

Perilla

Nankinensis. Dark purple foliage plant	.10	.15
--	-----	-----

MICHELL'S GIANT PANSIES

Our strains of this popular flower are procured from the leading Pansy specialists, and cannot be surpassed for size and brilliancy of colors and shades.

Pansies in Mixtures

Michell's Giant Exhibition Mixed. A giant strain which we have secured from the leading Pansy specialists. For size of bloom, heavy texture and varied shades and colors, with their distinct markings, this strain cannot be excelled. 30c. per 1/2 trade pkt.; trade pkt., 50c.; \$1.00 per 1/2 oz.; per 1/4 oz., \$1.75; \$6.00 per oz.

Triumph of the Giants Mixed. A very robust grower, producing on long stems flowers of immense size and of unusual substance; the petals being very broad and overlapping each other make the flowers appear almost double; many beautiful, rich and rare shades. 60c. per 1/2 trade pkt.; trade pkt., \$1.00; \$2.00 per 1/4 oz. per oz., \$7.00.

	Trade Pkt.	Oz.
Bugnot, Odier and Cassier. Superb mixture.....	\$0.50	\$4.00
Giant Trimardeau. Very large flowering.....	.30	1.25
Mad. Perret. Blooms very early; fragrant, especially rich in red shades .....	.50	2.50
Masterpiece (Fringed Pansy). Flowers beautifully curled or waved .....	.50	4.00
Odier or Blotched. A beautiful strain.....	.50	3.00
Parisian Large Stained. Large flowering.....	.40	2.50
Finest English Mixed. Large flowering.....	.25	.75
Very Fine Mixed .....	.15	.60

Pansies—Giant Sorts in Separate Colors

	Trade Pkt.	Oz.
Giant Prize Azure Blue	\$0.40	\$2.25
" " Black Blue .....	.40	2.25
" " Emperor William. Blue .....	.40	2.25
" " Hortensia Red .....	.40	2.50
" " King of the Blacks .....	.40	2.25
" " Lord Beaconsfield. Purple violet.....	.40	2.25
" " Peacock. Blue, claret and white.....	.40	2.50
" " Snow Queen. Pure white .....	.40	2.25
" " Striped and Mottled .....	.40	2.25
" " White with Eye .....	.40	2.25
" " Pure Yellow .....	.40	2.25
" " Yellow with Eye .....	.40	2.25

Pansies—Regular Sorts in Separate Colors

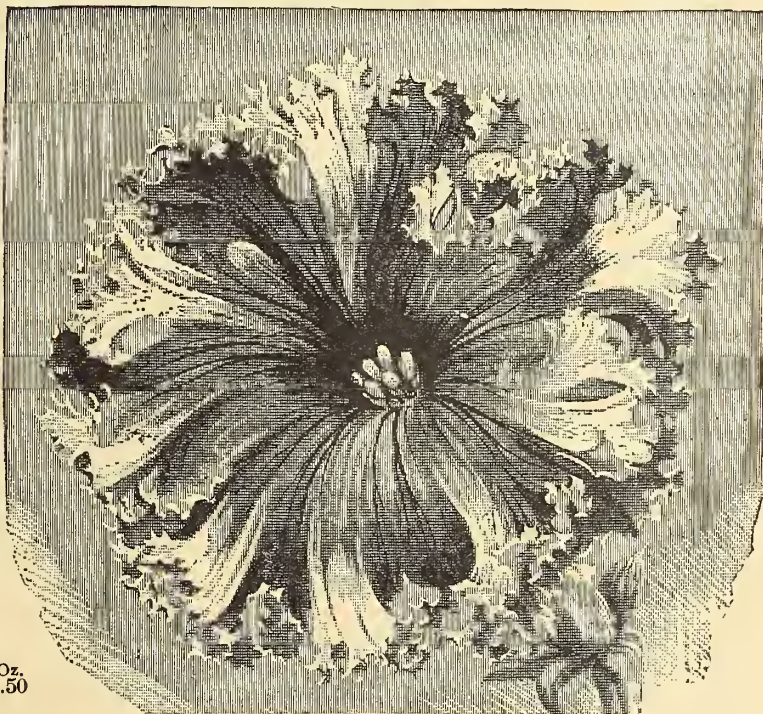
Belgian Striped	\$0.25	\$1.50
Emperor William. Ultramarine blue .....	.25	1.50
Faust, or King of the Blacks .....	.25	1.50
Gold Margined. Purple, golden edge .....	.25	1.50
Havana Brown .....	.25	1.50
Lord Beaconsfield. Purple violet .....	.25	1.50
Mahogany Colored .....	.25	1.50
Silver Edged. Purple, silver edge .....	.25	1.50
Snow Queen. Pure white .....	.25	1.50
White with Eye .....	.25	1.50
Yellow Gem. Pure yellow .....	.25	1.50
Yellow with Eye .....	.25	1.50

MICHELL'S PETUNIAS

We call special attention to our Large Flowering strains of Petunias, which for size and brilliancy of coloring cannot be surpassed.

Single Flowering

	1/2 Trade Pkt.	Trade Pkt.	Oz.
California Giants. Strong, robust plants; immense flowers of bright and desirable colors (1/16 oz., \$2.25)	\$0.30	\$0.50	
Grandiflora Fringed. Each petal of these giant flowers is delicately fringed; all colors (1/16 oz., \$1.75) .....	.30	.50	
Monstrosus (Michell's). Extra large flowers, many of which are finely fringed; all colors mixed .....	.60	1.00	
Ruffled Giants. Large flowers finely ruffled and frilled at edges .....	.30	.50	
Dwarf Large Flowering Fringed. Compact plants with large fringed flowers of many colors and shades. Per pkt., 25c.; 65c. per 3 pkts.			
Ideal. A new dwarf strain of robust growth; immense flowers of varied and exquisite coloring. Pkt., 30c.; 80c. per 3 pkts.			
Dwarf Inimitable. Of dwarf, compact habit; flowers striped and blotched.....	.30	.50	\$1.50
Rosy Morn. Dwarf, bushy plants, with brilliant rose-colored flowers with a white throat .....	.30	.50	2.00
Enchantress. Dwarf; flowers of many shades and colors .....	.30	.50	1.25
Snowball. Dwarf, pure white .....	.30	.50	1.50
Star. A beautiful variety; crimson maroon flowers, each having a distinct five-pointed white star .....	.30	.50	1.50
Adonis. Rosy carmine with white throat.....	\$0.30	\$1.00	
Choice Mixed .....	.25	1.00	
Fine Mixed .....	.15	.60	



Petunia—Grandiflora Fringed

Petunia—Double Flowering

As the seed of the double varieties is obtained by hybridization it will not produce all double flowers, but the singles will be unusually fine. The weaker seedlings should receive great care, as they usually produce the finest double flowers.

Double Fringed Mixed. Superb colors and of mammoth size. Per 500 seeds, 75c.; \$1.50 per 1000 seeds.

Double Fringed White. Extra large. Per half trade pkt., 60c.; \$1.00 per trade pkt.

Worcester, Mass.

Gentlemen:—
The Monstrosus Petunias which I purchased from you last year were the best I ever grew, especially for pot culture.

Yours truly,
A. W. H.

**PHLOX DRUMMONDII
DWARF OR COMPACT VARIETIES**

	½ Trade Pkt.	Trade Pkt.	Oz.
"Cecily." Large flowering mixed	\$0.30	\$0.50	\$1.75
Crimson with White Eye .....	.25	.40	2.00
Deep Scarlet .....	.25	.40	2.25
Fireball. Brilliant scarlet .....	.25	.40	2.00
Pink .....	.25	.40	2.00
Snowball. Pure white .....	.25	.40	2.00
Violet with White Eye .....	.25	.40	2.00
Choicest Mixed .....	.25	.40	1.25

PHLOX—GRANDIFLORA VARIETIES

Alba. Pure white .....	.25	1.25
Coccinea. Scarlet .....	.25	1.25
Pink .....	.25	1.25
Stellata Splendens. Scarlet, with white eye.....	.25	1.25
Choicest Mixed .....	.20	.75

PHLOX—VARIOUS SORTS

Fine Mixed .....	.15	.60
Double Mixed .....	.25	1.50
Star of Quedlinburg. Mixed .....	.25	1.25
Hardy (Decussata). Choice mixed .....	.25	1.50

PHYSOSTEGIA

Perennial, bearing delicate tubular flowers.

Virginica. Pink .....	.15	.60
Virginica Alba. White .....	.25	1.00

PLATYCODON (Chinese Bell Flower)

Grandiflorum, Blue. Perennial .....	.25	1.25
Grandiflorum, White. Perennial .....	.25	1.25
Japonicus Fl. Pl. Double blue .....	.40	2.00

POLYANTHUS (Primula Elatior)

Gold Laced. Very showy .....	.40	2.25
Double Mixed .....	.50	
English. Single mixed .....	.25	1.25

POPPY

DOUBLE ANNUAL VARIETIES

	Trade pkt.	Oz.
Carnation Flowered. Mixed (¼ lb., 30c.).....		\$0.10
Crimson King. Crimson	\$0.10	.15
Fairy Blush. White, fringed and tipped with rose...	.10	.15
Mikado (Striped Japanese) .....	.10	.15
Paeony Flowered, White .....	.10	.25
" " Yellow .....	.10	.25
" " Scarlet .....	.10	.25
" " Mixed (¼ lb., 30c.) .....	.10	.10
Shirley. Mixed colors .....	.10	.15

POPPY—SINGLE ANNUAL VARIETIES

Shirley. Large flowers of many beautiful colors and shades (¼ lb. 50c.) .....	.10	.20
Admiral. Pure white with scarlet edge .....	.10	.20
King Edward. Scarlet, shaded black .....	.10	.30
Danebrog. Scarlet with white spot .....	.10	.15
Maid of the Mist. White, fringed flowers .....	.10	.15
Miss Sherwood. Chamois rose .....	.10	.15
Tulip. Glowing scarlet .....	.10	.30
Umbrosum. Rich vermilion .....	.10	.15

POPPY—PERENNIAL VARIETIES

Giant Scarlet .....	.10	.40
Iceland, Single Mixed .....	.20	.75
" White .....	.20	1.00
" Yellow .....	.20	1.00
" Double Mixed .....	.25	1.25
Orientele. Deep scarlet .....	.15	.50
" Mrs. Perry. Rich salmon pink .....	.40	1.75
" Beauty of Livermere. Crimson with black blotch .....	.40	1.75
" Princess Victoria Louise. Beautiful salmon pink .....	.40	2.50
" Hybrids. Mixed colors .....	.25	1.00

PORTULACA

Double. Large flowering, mixed .....	.25	1.50
Single. Large flowering, mixed .....	.10	.40



Michell's Prize Chinese Primula

**MICHELL'S "DISTINCTIVE" PRIMROSES
PRIMULA CHINENSIS**

It is with no little amount of pride we offer this superb strain, grown for us exclusively by the best specialists in Europe. The plants are compact, individual and clusters of flowers immense, colors superb and mostly fringed petals. Our strain cannot be surpassed.

	½ Trade Pkt.	Trade Pkt.
Michell's Prize Mixture. This mixture contains only the very finest sorts selected from the best strains (1/16 oz. \$2.50)	\$0.60	\$1.00
Alba Magnifica. White. (1/32 oz. \$1.50).....	.60	1.00
Chiswick Red. Bright red. (1/32 oz. \$1.75).....	.60	1.00
Duchess. Large, white with zone of rosy carmine: yellow eye. (1/32 oz. \$1.75).....	.60	1.00
Holborn Blue. (1/32 oz. \$2.00) .....	.60	1.00
Kermesina Splendens. Crimson. (1/32 oz. \$1.75)...	.60	1.00
Rosy Morn. Pink. (1/32 oz. \$2.50).....	.60	1.00
Pink Pearl (New). Brilliant. Pkt., 35c.		
Sutton's Stellata (Star Primrose). Excellent pot plant; mixed. Original pkts., 75c.		
Fern Leaved Mixed. (1/16 oz. \$2.00).....	.60	1.00

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type; flowers much larger and produced in greater abundance. These are splendid pot plants and stay in bloom the entire winter.

	Trade Pkt.
Lilacina. Pale lilac	\$0.50
Rosea. Pink .....	.50
Kermesina. Deep crimson .....	.50
Alba. White .....	.50
Hybrida Mixed	(1/32 oz. \$1.25) .50

PRIMULA OBCONICA GRANDIFLORA Trade Pkt.

Grandiflora Compacta. Dwarf compact growing plants, flowers rosy lilac	\$0.50
Grandiflora Fimbriata. Fringed flowers; mixed colors.....	.50
Vesuvius. Deep crimson .....	.50
Crispa. Large flowers which are crisped or curled; color from apple blossom pink to rose.....	.50

PRIMULA, VARIOUS SORTS

Malacoides. Resembles Primula Forbesi, but the flowers are much larger; if grown in a greenhouse it will bloom in four to five months after sowing; color light lilac (1/16 oz., \$1.25) .....	.50
Malacoides Alba. Pure white (1/16 oz., \$1.25).....	.50
Malacoides Rosea. Color, light rose to carmine rose.....	.50
Malacoides Superba (New). Large flowers of a deep rosy pink color. Orig. pkt., 20c.	
Kewensis (Verbena Scented Yellow Primrose). Of strong, vigorous growth, long spikes of large, soft yellow flowers (1/16 oz., \$1.50) .....	.50
Buttercup. Yellow .....	.50
Cortusoides Sieboldii. Mixed colors .....	.50
Forbesi (Baby Primrose). Fine for pots; color, rosy lilac...	.50
Veris (Couslip). Mixed. (Oz., \$1.00).....	.25
Vulgaris (English Yellow Primrose). (Oz., \$1.25).....	.30

Pueraria (Kudzu Vine)

	Trade Pkt.	Oz.
Thunbergiana. Perennial climber; rosy purple pea-shaped flowers	.....\$0.15	\$0.50

Pyrethrum

Foliage Sorts For Bedding

Aureum (Golden Feather). Yellow foliage	..... .10	.30
Selaginoides. Yellow fern-like foliage	..... .15	.75

Pyrethrum—Flowering Sorts (Perennial)

Roseum. Pink	..... .25	
Uliginosum (Giant White Daisy)	..... .25	
Hybridum. Single mixed	..... .25	1.75
“ Double mixed (1/8 oz., \$1.50)	..... .50	

Rhodanthe (Everlasting Flower)

Double Pink. Fine for cutting; annual	..... .25	2.50
Mixed. Hardy annual	..... .15	.60

Ricinus (Castor Oil Bean)

There is always a good demand for these plants.

	Oz.	1/4 lb.	1 lb.
Borboniensis. Green foliage; 15 feet	.....\$0.10	\$0.30	\$1.00
Cambodgensis. Bronzy maroon; 5 feet	..... .10	.30	1.00
Gibsoni. Dark red; 5 feet	..... .10	.30	1.00
Sanguineus. Blood-red stalks; 8 feet	..... .10	.30	1.00
Zanzibariensis. Large; various colors; 12 ft.	..... .10	.30	1.00
Mixed. All sorts	..... .10	.25	.85

Rudbeckia (Cone Flower)

Tall growing plants, flowering profusely all summer.

	Trade Pkt.	Oz.
Bicolor Superba. Yellow flowers, brown centre	.....\$0.10	\$0.40
Newmani. Hardy perennial, yellow	..... .30	1.50
Purpurea (Giant Purple Cone Flower). Hardy perennial; reddish purple flowers	..... .25	1.25

Salpiglossis

Very showy annuals; excellent for cutting.

Crimson and Gold	..... .30	1.50
Primrose	..... .30	1.50
Purple and Gold	..... .30	1.50
Rose and Gold	..... .30	1.50
Scarlet and Gold	..... .30	1.50
White and Gold	..... .30	1.50
Choice Mixed	..... .20	.75
Emperor. Choice mixed, large flowering	..... .30	1.00

Sanvitalia

Procumbens Fl. Pl. Dwarf annuals for edgings, vases or baskets; double yellow flowers20	.75
---	-----------	-----

Scabiosa (Mourning Bride)

Grandiflora, Azure Fairy. Light blue	..... .15	.75
“ Cherry Red	..... .15	.75
“ Crimson	..... .15	.75
“ Flesh Pink	..... .15	.75
“ King of the Blacks. Deep purple	..... .15	.75
“ Pompadour. Purple and white	..... .15	.75
“ Rose	..... .15	.75
“ White	..... .15	.75
“ Choice Mixed	..... .10	.40
Dwarf Double Mixed	..... .10	.30
Caucasica. Perennial; lilac	..... .40	2.00
“ Alba. White	..... .40	2.00
Japonica. Perennial; lavender blue	..... .20	.60

Schizanthus (Butterfly Flower)

Grandiflorus Maximus. Extra large; various colors. Pkt., 20c.	..... .20	.75
Hybridus Grandiflorus. Dwarf, mixed	..... .20	.75
Pink Beauty (New). A beautiful shade of rose pink. Pkt., 35c.; \$1.00 per 3 pkts.	..... .40	2.00
Wisetonensis. Various colors; fine for pots	..... .10	.25
Mixed. All colors	..... .10	.25

Sensitive Plant (Mimosa)

Pudica. Flowers pinkish white10	.40
-------------------------------	-----------	-----

Shasta Daisy. See Chrysanthemum

Silene (Catchfly)

Free blooming annuals for borders.

Pendula, Dwarf Rose	..... .10	.25
Pendula, Dwarf White	..... .10	.25
Armeria, Mixed	..... .10	.20



Salvia (Flowering Sage)

Much of the Salvia we offer this year has been saved from specimen plants grown at our own grounds at Andalusia, Pa. Seeds are plump, strong in germination and will give superior satisfaction.

	Trade Pkt.	Trade Pkt.	Oz.
America (New). An excellent variety of dwarf, bushy, compact growth, uniform in height and shape, and literally aglow with large spikes of brilliant scarlet flowers from early in the season until late in fall. (1/4 oz., \$3.50; \$6.00 per 1/2 oz.)			\$0.50 \$10.00
Michell's Scarlet Glow. An improvement on the Zurich; plants dwarf and compact; early flowering, with a mass of brilliant scarlet flowers	.....\$0.30	.50	3.00
Bonfire (Clara Bedman). Medium dwarf, scarlet. One of the best varieties	..... .25	.40	2.50
Ostrich Plume. The spikes or flowers resemble a plume, and are of the brightest scarlet (1/4 oz., \$1.50)	..... .30	.50	4.50
Ball of Fire. Medium dwarf; scarlet	..... .30	.50	2.50
Zurich. Dwarf, intense scarlet flowers, early flowering	..... .30	.50	4.00
Splendens (Scarlet Sage). Scarlet	..... .25	.50	1.50
King of Carpets. Plants are only 18 inches high and produce flowers right from the bottom; color bright scarlet	..... .30	.50	2.50
Patens. Blue	..... .30	.50	
Azurea Grandiflora. Perennial, sky blue	..... .25	.50	1.25
Farinacea. A perennial variety, but best treated as an annual; color, light blue	..... .25	.50	1.25

Shamrock

True Irish25	.75
------------	-----------	-----

Smilax (Myrsiphyllum Asparagoides)

A desirable greenhouse climber of great value for floral decorations. Trade pkt., 10c.; 35c. oz.; 1/4 lb., \$1.00; \$3.50 lb.

Snapdragon. See Antirrhinum

Solanum

	Trade Pkt.	Oz.
Capsicastrum (Jerusalem Cherry). Scarlet berries	.....\$0.10	\$0.30
Fra Diavolo. Of dwarf, compact growth; leaves and fruit smaller than above	..... .15	.50

Statice (Everlasting Flower)

Latifolia. Perennial; large, deep blue flowers	..... .25	1.25
Suworowi. Annual variety; flowers pink	..... .25	1.00

Stevia

Serrata. Fragrant white flowers20	1.00
---------------------------------	-----------	------

Stipa. See Grasses page 15

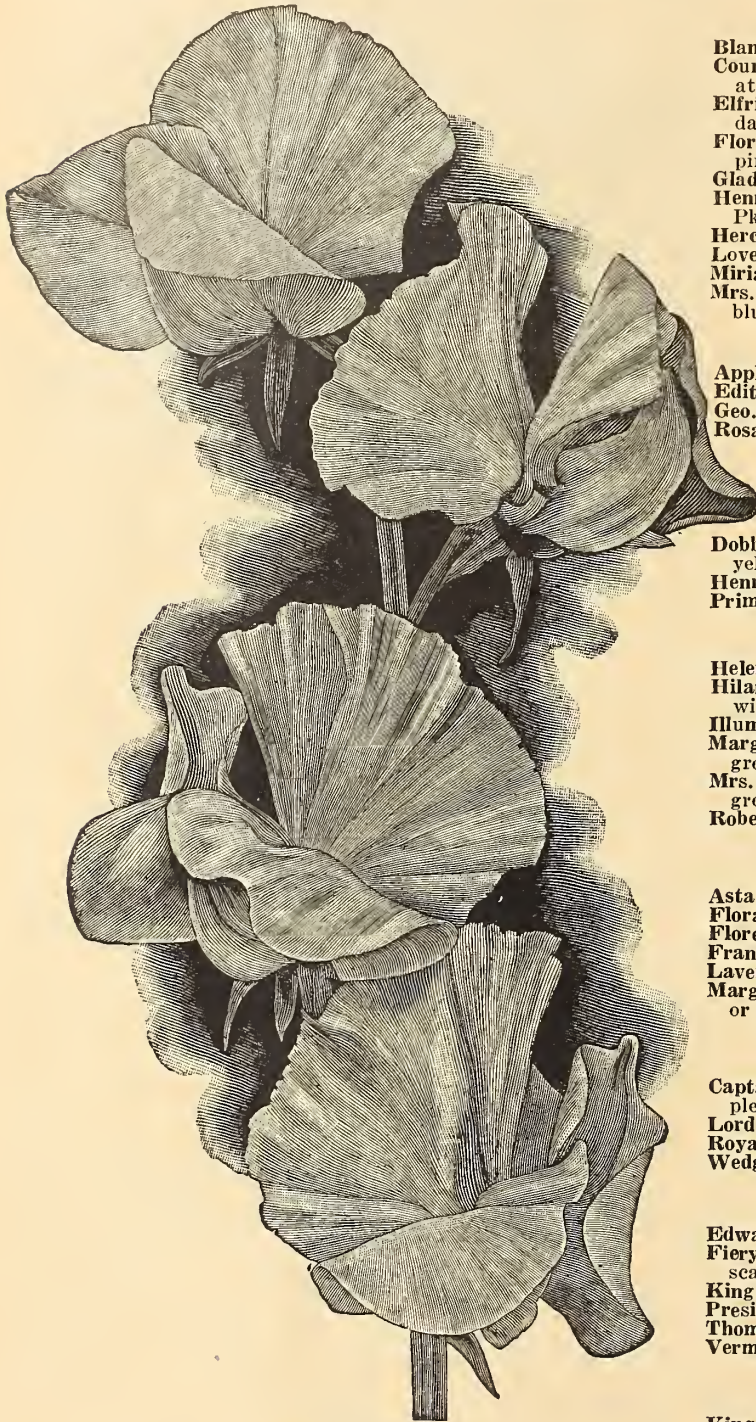
Stocks. See page 24

Stokesia (Cornflower Aster)

Cyanea. A hardy perennial; each plant bearing 20 to 30 lavender-blue flowers	..... .20	1.00
Cyanea Alba. Pure white	..... .25	1.00

Michell's Spencer or Orchid Sweet Peas

These are distinguished from the grandiflora sorts by the enormous flowers, which are crinkled and wavy, and from the fact that they usually bear four flowers on a stem. The plants are of robust growth and produce their flowers on long stems.



New Spencer Sweet Peas

Superb "Spencer" Mixture

Blended from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades; we are sure this mixture will give absolute satisfaction.

Per oz., 15c.; 40c. per ¼ lb.; per lb., \$1.15.

White

	Oz.	¼ lb.	Lb.
Constance Hinton. Large white; black seeded	\$.040	\$1.25	\$4.00
King White. Gigantic pure white flowers	.25	.75	2.75
Nora Unwin. Large, pure white	.10	.30	1.00
White Spencer. Pure white	.15	.50	1.50

Light Pink

Blanche Ferry Spencer. Pink and white	.15	.50	1.75
Countess Spencer. Clear pink, shading deeper at the edge	.15	.50	1.50
Elfrida Pearson. Light pink, margined with darker pink	.25	.75	2.50
Florence Morse Spencer. Delicate blush with pink margin	.15	.50	1.75
Gladys Unwin. Delicate pink	.10	.30	1.00
Henrietta. Light rose pink on a cream ground. Pkt., 20c.	1.50		
Hercules. Giant pure pink	.25	.75	2.50
Lovely Spencer. Deep pink, shading to blush	.15	.50	1.75
Miriam Beaver. Large apricot and buff	.30	1.00	3.50
Mrs. Cuthbertson. Standard rose pink, wings blush white	.20	.60	2.25

Deep Pink or Rose

Apple Blossom Spencer. Rose and pink	.15	.50	1.75
Edith Taylor. Bright salmon rose	.30	1.00	3.00
Geo. Herbert. Rose carmine	.15	.50	1.50
Rosabelle. Giant rose	.20	.60	2.25

Primrose or Light Yellow

Dobbies Cream. Deep cream, or primrose yellow	.15	.50	1.75
Henry Ohn. Rich cream pink	.40	1.25	4.00
Primrose Spencer. Light yellow	.15	.50	1.75

Orange and Salmon

Helen Lewis. Orange pink	.15	.50	1.50
Hilary Christie. Standard salmon orange; wings rosy salmon	.50	1.25	4.00
Illuminator. Rich salmon pink	.30	1.00	3.25
Margaret Atlee. Light salmon pink on cream ground	.30	1.00	3.00
Mrs. Hugh Dickson. Salmon pink on cream ground	.15	.50	1.75
Robert Sydenham. Orange self	.50	1.50	5.00

Lavender

Asta Ohn Spencer. Rich lavender	.15	.50	1.75
Flora Norton Spencer. Light lavender	.15	.50	1.75
Florence Nightingale. Large; lavender	.20	.60	2.00
Frank Dolby. Light lavender	.15	.40	1.25
Lavender George Herbert. Bluish lavender	.20	.60	2.25
Margaret Madison Improved. Light lavender or azure blue	.30	1.00	3.00

Blue and Purple

Captain of the Blues Spencer. Standard purple, wings blue	.20	.60	2.25
Lord Nelson Spencer. Navy blue	.20	.60	2.25
Royal Purple. Rich purple	.40	1.25	4.25
Wedgewood. A lovely self blue	.30	1.00	3.00

Scarlet

Edward Cowdy. Orange scarlet	.40	1.25	4.50
Fiery Cross. Large flowers; intense orange scarlet. Per pkt., 10c.	1.00		
King Edward Spencer. Crimson scarlet	.15	.50	1.75
President. Glowing scarlet self. Pkt., 10c.	1.00		
Thomas Stevenson. Orange scarlet	.20	.60	2.00
Vermilion Brilliant. Intense scarlet	.30	1.00	3.00

Maroon

King Manoel. Rich maroon	.30	1.00	3.00
Marks Tey. Purplish maroon	.30	1.00	3.50
Nubian. Maroon or deep chocolate self	.20	.60	2.25
Othello Spencer. Deep maroon	.20	.60	2.00

Striped and Flaked

America Spencer. Red flakes on white ground	.15	.50	1.75
Helen Pierce Spencer. White mottled light blue	.30	1.00	3.00
Scintillator. Striped and flaked orange rose on a cream ground. Pkt., 20c.	1.50		

GRANDIFLORA VARIETIES

Separate Colors

The varieties we offer below have been selected from a large list and embrace only the very best large flowering sorts.

	White	Oz.	¼ lb.	Lb.
Blanche Burpee. Large; pure white	\$0.07	\$0.20	\$0.60
Dorothy Eckford. Extra large; white07	.20	.60

Primrose and Yellow

Hon. Mrs. E. Kenyon. Primrose yellow07	.20	.60
--------------------------------------	-------	-----	-----	-----

Rose and Pink

Blanche Ferry. Pink and white	.....	.07	.20	.60
Lovely. Soft shell pink	.....	.07	.20	.60
Prima Donna. Lovely soft pink	.....	.07	.20	.60

Orange

Miss Willmott. Deep orange pink07	.20	.60
---------------------------------	-------	-----	-----	-----

Crimson and Scarlet

King Edward VII. Crimson scarlet	.....	.07	.20	.60
Queen Alexandra. Large scarlet	.....	.07	.20	.60

Lavender

Countess of Radnor. Pale lavender	.....	.07	.20	.60
Flora Norton. Delicate lavender	.....	.07	.20	.60
Lady Grisel Hamilton. Pale lavender	.....	.07	.20	.60

Blue and Purple

Lord Nelson. Rich navy blue	.....	.07	.20	.60
Navy Blue. Deep violet blue	.....	.07	.20	.60

Maroon

Othello. Very dark maroon07	.20	.60
---------------------------	-------	-----	-----	-----

Sweet Peas in Mixture

	Oz.	¼ lb.	Lb.
Michell's Gilt Edge. Eckford's large flowering; represents almost every color and shade in sweet peas07	.15
Cupid or Dwarf Varieties. Mixed colors10	.30

New Early Flowering Long Season Spencer Sweet Peas

One of the chief characteristics of these varieties is their long-season period of blooming, frequently remaining in bloom for four months. The flowers are of large size, of the best Spencer form; borne in threes and fours on long stems.

	Oz.	¼ lb.	Lb.
Early Song Bird. Pale pink on white ground	\$1.50	\$4.00
Early Melody. Rose pink on white ground	1.50	4.00
Early Heatherbell. Mauve lavender	1.50	4.00
Early Spring Maid. Pink on cream ground	1.50	4.00
Early Sunset. Mauve pink on white ground Pkt., 25c.; 65c. per 3 pkts.; ¼ oz., \$1.75	6.00	
Early Warbler. Mauve purple. Pkt., 25c.; 65c. per 3 pkts.; ¼ oz., \$1.75	6.00	
Early Liberty. Crimson. Pkt., 25c.; 65c. per 3 pkts.		
Early Meadow Lark. Rich cream. Pkt., 25c.; 65c. per 3 pkts.		
Early Songster. Lavender. Pkt., 25c.; 65c. per 3 pkts.		

Michell's Christmas or Winter Flowering Sweet Peas

	Oz.	¼ lb.	Lb.
Michell's Snowdrift. Pure white; black seeded; extra early; large flowers on long stems	\$0.25	\$0.75
Blanche Ferry (Extra Early). Pink and white10	.25
Christmas Meteor. Scarlet10	.30
" Pink and white10	.30
" White10	.30
Earliest of All. Pink and white10	.30
Le Marquis. Large dark blue10	.30
Mont Blanc. Early; pure white10	.25
Mrs. Alex. Wallace. Lavender10	.30
Mrs. Chas. H. Totty. Lavender10	.30
Mrs. F. J. Delansky. Daybreak pink10	.30
Mrs. Geo. Lewis. Pure white10	.30
Mrs. William Sim. Salmon pink10	.30
Watchung. Pure white10	.30
Mixed. Christmas or winter flowering10	.30

Winter Flowering Spencer or Orchid Sweet Peas

	Oz.	¼ lb.	Lb.
Rose Queen. One of the finest varieties yet introduced. The flowers are borne on long stems, are of large size and free bloomers; usually four flowers are produced on a stem; color a most attractive shade of pink. Greenhouse grown seed	\$3.00	\$10.00
Outdoor grown seed	2.50	8.00
Yarrowa. Flowers exquisitely waved, of large size, many of them being duplex or double. Color a pleasing shade of bright rose pink with lighter wings75	2.50
Mrs. A. A. Skaach. Flowers very large; color, a beautiful clear bright pink75	2.75
Mrs. M. Spanolin. Black seeded; pure white; free bloomer75	2.75
Pink and White Orchid. Similar in color to Christmas Pink, but produces larger flowers on longer stems75	2.75
White Orchid. Pure white; one of the best75	2.75
Lavender Pink Orchid. Flowers very large75	2.75
Mrs. William Sim Orchid. Salmon pink75	2.75
Red Orchid. Bright, cherry red; large and a free bloomer75	2.75
Venus. Standard white, slightly blushed pink, wings white; free bloomer75	2.75
Lavender Nora. A large flowering variety of the Unwin type; of a pleasing lavender shade25	.75
Mixed Winter Flowering Spencer. All colors60	2.00

Sunflower (Helianthus)

Annual Varieties

	Trade Pkt.	Oz.
Cucumerifolius. Single yellow10
New Red. Extra large flowers; some of which are rich chestnut red, others tipped with yellow20
Cut-and-Come-Again. Single yellow10
Double Globe. (<i>Globosus Pistulosus</i>). Rich yellow10
Dwarf Double. Deep yellow10
Chrysanthemum Flowered. Immense double yellow flowers10
Oscar Wilde. Yellow, with black centre10
Starlight. Cactus flowered; yellow25
Stella. Single yellow, black centre10
Russian. Large yellow, single05

Sunflower—Perennial Varieties

Golden Bouquet. Perennial; yellow	.....	.25	1.25
Choice Mixed. Single flowered	.....	.30	1.25

Sweet Rocket (*Hesperis*) Trade Pkt. Oz.

Mixed. Perennial; purple and white	\$0.10	\$0.25
------------------------------------	-------	--------	--------

Sweet Sultan (*Centaurea Moschatus*)

Mixed. Fragrant10	.30
-----------------	-------	-----	-----

Sweet William (*Dianthus Barbatus*)

Single Crimson	.....	\$0.10	\$0.40
" Velvety Maroon	.....	.10	.40
" White	.....	.10	.40
Single Mixed. All colors	.....	¼ lb., 75c.	.10
Pink Beauty. Large flowers; salmon pink	.....	.30	1.00
Scarlet Beauty. Intense, rich deep scarlet	.....	.30	1.25
Auricula Flowered. Single mixed	.....	.15	.50
Double Mixed. All colors	.....	.15	.60

Tagetes

Golden Ring. Single, brown and yellow15	.60
---------------------------------------	-------	-----	-----

Thunbergia (Black-Eyed Susan)

Mixed15	.60
-------	-------	-----	-----

Torenia

Fournieri Grandiflora. Blue40	2.50
-----------------------------	-------	-----	------

PAOLI, PA.

Gentlemen:—The Winter Flowering Sweet Peas obtained from you were wonderfully successful, blooming very early and producing immense quantities of flowers.

L. M. S. R.

Yours truly,

MICHELL'S "DISTINCTIVE" STOCKS

Stocks are invaluable and are one of the most profitable flowers to raise, provided you sow the right strains. For years we have made a specialty of supplying "distinctive" strains which are easily distinguished by their superior quality, strong germination, and a remarkable small percentage of single flowers.

MICHELL'S FLOWER MARKET STOCK

A branching stock of remarkable vigor of growth and size of bloom; produces its flowers evenly distributed over the stem and very early. A single plant will produce from 10 to 15 separate flower branches equally perfect. The type is of *Cut-and-Come-Again*, but much superior to what is usually known by that name.

	½ Trade Pkt.	Trade Pkt.	¼ Oz.		½ Trade Pkt.	Trade Pkt.	¼ Oz.
Pure White	\$.30	\$.50	\$1.50	Dark Blue	\$.30	\$.50	\$1.50
Rose Pink	.30	.50	1.50	Blood Red	.30	.50	1.50
Light Blue	.30	.50	1.50	Mixed Colors	.30	.50	1.25

MICHELL'S "DISTINCTIVE" COLUMN STOCK

Produces plants composed of one gigantic spike dressed with immense perfect double flowers.

	½ Trade Pkt.	Trade Pkt.		½ Trade Pkt.	Trade Pkt.
Blood Red	\$.30	\$.50	White	\$.30	\$.50

MICHELL'S EARLY FLOWERING "NICE" STOCK

A branching stock literally covered with blooms which appear earlier than in any other strain. The colors are very distinct, so much so that they are not reproduced in any other strain. The seed we offer comes direct from the originator.

	½ Trade Pkt.	Trade Pkt.	Oz.
Beauty of Nice. Charming delicate pink, the most popular of all.	\$.30	\$.50	\$2.50
Queen Alexandra. Delicate lavender.	.30	.50	2.50
Crimson King. Deep red.	.30	.50	2.50
Victoria. Pure white	.30	.50	2.50
Mme. Rivoire. Large double, pure white flowers.	.30	.50	2.50
Abundance. Dwarf, spreading habit; color carmine-rose.	.30	.50	3.00
La Brillante. Double, large flowers; rich brilliant crimson.	.30	.50	2.50
Midsummer Night. Deep, dark violet; large and double.	.30	.50	2.50
Choice Mixed. All colors.	.30	.50	2.25

LARGE FLOWERING DWARF TEN WEEK STOCKS

For bedding there is nothing more effective; dwarf, compact plants with fine spikes of double flowers.

	½ Trade Pkt.	Trade Pkt.	Oz.		½ Trade Pkt.	Trade Pkt.	Oz.
Blood Red	\$.25	\$.40	\$3.25	White	\$.25	\$.40	\$3.25
Light Blue	.25	.40	3.25	Yellow	.25	.40	3.25
Purple Violet	.25	.40	3.25	Mixed	.25	.40	2.75
Pink	.25	.40	3.25				

STOCKS—Various Sorts

	½ Trade Pkt.	Trade Pkt.	Oz.
Wallflower Leaved. Choice mixed.	\$.25	\$.40	\$2.50
Brompton, or Winter. Mixed.	.30	.50	3.00
Princess Alice (<i>Cut-and-Come-Again</i>). Of branching habit; pure white; excellent for cutting.	.30	.50	3.00
New Pyramidal Stock, "Bismarck." A splendid sort for cutting; immense pure white flowers along a colossal spike.	.30	.50	
New Winter Stock, "White Lady." Flowers large, double and of lustrous snowy white.	.30	.50	
Virginian. Mixed	.10	.20	



Michell's "Nice" Stock

Valeriana (Garden Heliotrope)

	Trade Pkt.	Oz.
Mixed. Hardy perennial border plant with large fragrant flowers	\$.15	\$0.40

MICHELL'S VERBENAS

Our Mammoth Fancy Strain of this popular bedding plant cannot be excelled for its free flowering qualities, large size and purity of colors.

	Trade Pkt.	Oz.
Michell's Mammoth Fancy Blue	\$.30	\$1.25
" " " Pink	.30	1.25
" " " Scarlet	.30	1.25
" " " Striped	.30	1.25
" " " White	.30	1.25
" " " Mixed	.30	1.00
New Giant Flowered Mixed. A new variety of large size with extra large, white eyes.	.40	2.00
Helen Willmott. Flowers large, salmon rose with white eye	.50	2.50
Mammoth Choice Mixed	.25	.75
Fine Mixed	.20	.60
Lemon Scented (<i>Aloysia Citriodora</i>)	.40	2.00

Veronica (Speedwell)

A showy, hardy perennial border plant of easy culture; fine for bouquets.

Spicata. Blue	\$.25	\$1.25
Virginica. White	.25	1.25



Michell's Mammoth Fancy Verbena



Vinca

Vinca

An excellent bedding plant; seed should be sown early.

	Trade Pkt.	Oz.
Alba. White, with rose centre	\$0.15	\$0.60
Alba Pura. Pure white .....	.15	.60
Rosea. Pink .....	.15	.60
Mixed .....	.15	.50

Viola Cornuta (Tufted Pansies)



Viola Cornuta

These resemble Pansies in shape and form, with the additional quality of having long stems and blooming for a longer time.

Admiration. Dark blue. Trade pkt., 30c.; \$2.00 per oz.

Mauve Queen. Lovely mauve color. Trade pkt., 25c.; \$1.50 per oz.

Perfection. Light blue. Trade pkt., 30c.; \$2.00 per oz.

White Perfection. Pure white. Trade pkt., 30c.; \$2.00 per oz.

Mixed. All colors. Trade pkt., 25c.; \$1.50 per oz.

Viola (Scotch Bedding Pansies)

Very free flowering; produce larger flowers than the Cornuta varieties.

	Trade Pkt.	Oz.
Golden Gem. Yellow	\$0.30	\$1.75
Lutea Splendens. Yellow .....	.25	1.50
Snowflake. Pure white .....	.30	1.75
Mixed. From best-named Scotch varieties.....	.50	

Violet (Viola Odorata)

Single Blue Czar .....	.30	1.50
Single White Czar .....	.30	1.50
Single Mixed .....	.30	1.50

WALL FLOWER

Double Brown	(1/4 oz., \$1.25)	.40
“ Yellow	(1/4 oz., \$1.25)	.40
“ Mixed		1.75
Single Mixed .....		.10
Paris Extra Early. Single flowering; blooms the first year from seed; excellent for forcing.		
Paris Extra Early Blood Red .....	.15	.50
“ “ Yellow .....	.15	.50
“ “ Mixed .....	.10	.40

Xeranthemum (Everlasting Flower)

Double Mixed. Annual, for winter bouquets.....	.10	.40
--	-----	-----



MICHELL

New Giant Robusta Zinnias

Michell's "Distinctive" Zinnias

We claim perfection in form, size and color for our strain of Zinnias, as those who grow them will attest.

	Trade Pkt.	Oz.
Tall Double Crimson	\$0.10	\$0.40
“ “ Orange .....	.10	.40
“ “ Pink .....	.10	.40
“ “ Scarlet .....	.10	.40
“ “ White .....	.10	.40
“ “ Yellow .....	.10	.40
“ “ Mixed .....	.10	.30
Dwarf Double Crimson .....	.10	.50
“ “ Pink .....	.10	.50
“ “ Salmon Rose .....	.10	.50
“ “ White .....	.10	.50
“ “ Scarlet .....	.10	.50
“ “ Yellow .....	.10	.50
“ “ Mixed .....	.10	.30

Robusta or Giant Zinnias

Flowers of immense size and perfectly double.		
Scarlet .....	.30	1.00
White .....	.30	1.00
Golden Yellow .....	.30	1.00
Crimson .....	.30	1.00
Flesh Color .....	.30	1.00
Purple .....	.30	1.00
Sulphur Yellow .....	.30	1.00
Violet .....	.30	1.00
Choicest Mixed .....	.20	.75

Various Zinnias

Red Riding Hood. Miniature flowers, perfectly double; color, bright scarlet .....	.15	.75
Curled and Crested. Double mixed .....	.15	.40
Zebra, or Striped. Double .....	.15	.50

Mixed or Wild Flower Garden Seeds

A mixture containing nearly 100 varieties of easy growing and interesting flowers	(lb., \$1.00)	\$.010
---	---------------	--------

Michell's Vegetable Seed Specialties

VERY IMPORTANT

"Please Read"

SPECIAL NOTICE

Not in a time that anyone can recall have conditions in the Seed Trade been as they are to-day. The Season 1917 closed with practically no supplies of Vegetable Seeds left over. During that year the growers who produced Seeds for us planted a much larger acreage than ever before; everyone connected in any way with agricultural pursuits put forth extra efforts to have bumper crops, but only to be disappointed in many instances.

Unfavorable weather at planting time followed by either too much rain or not enough, coupled with labor scarcity has finally resulted in the shortest crop of Vegetable Seeds in almost every item produced in the United States.

Added to this already serious condition, the Seed producing centres of Europe are not able to make their usual deliveries to us, on account of restricted acreage planted (due to labor shortage) and on account of the European Governments' system of conserving for home needs much and in most cases all of the Seed harvest.

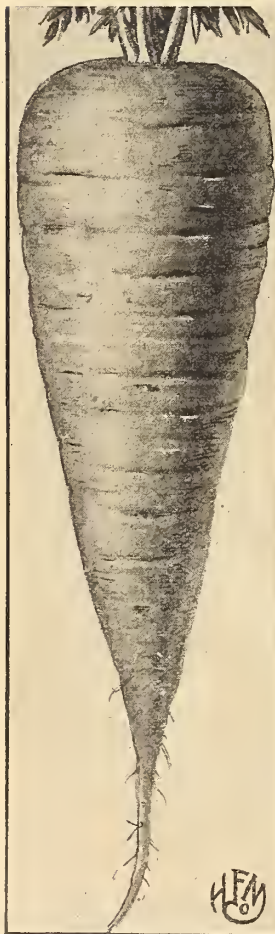
We regret this condition, but it is beyond our control, and for this reason all prices on Vegetable Seeds are offered subject to change without notice. (ORDER EARLY.)

H. F. M. CO.

We strongly urge upon our customers who have not given these varieties of vegetables on pages 26 to 28, inclusive a trial, to do so.

BEET

Michell's Ideal. This variety is the result of 11 years of hard and careful work by an expert vegetable grower in Bucks County. It is a cross between Detroit and Eclipse, combining the excellent qualities of both, but is much better than either. It is perfect, firm, of turnip shape; for tenderness, rich color and uniformity it is remarkable. It is named Ideal, because, after the great length of time spent to bring it to its present state, the originator felt that he reached the ideal he was seeking in the beet line. It is primarily intended for garden culture as an early summer variety, but adapts itself also as an autumn and winter beet. 20c. per oz.; per $\frac{1}{4}$ lb., 70c.; \$2.50 per lb.



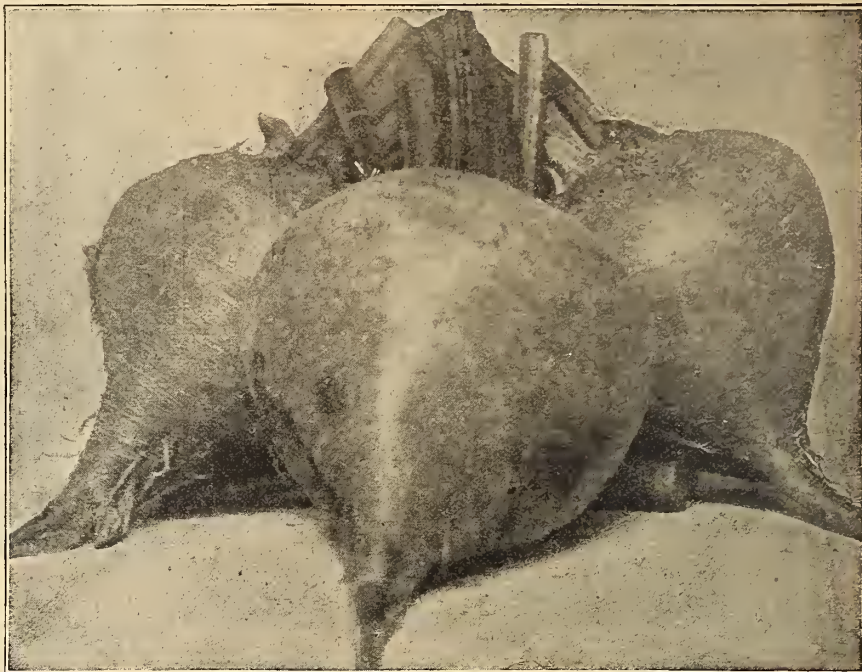
Michell's "Winter Keeper."

This grand new beet is almost globe shaped, tapering slightly toward the root. The handsome dark blood red flesh

is tender regardless of size. It is a late summer cropper, or for use during winter and spring, until new beets are on the market again. The top growth is green, the color remaining in the root. Any market gardener who wants his customers' return for their future supply of beets will do well to have this one. The cooking qualities and delicious taste may be called unsurpassed. 20c. per oz.; per $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.

CARROT

Orange Beauty. A splendid point rooted winter variety of a beautiful orange yellow shape; it is very sweet and tender and an ideal market variety. It is of medium size and will prove a ready seller on account of its fine quality and uniform shape. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$2.25 lb.



New Beet, "Michell's Ideal"

CHICORY OR WITLOOF

This delicious vegetable is becoming more popular each year. The roots are easily produced from seed, sown in May or June. They are taken up and wintered over, heeled in soil, or otherwise cared for in a frost-proof cellar. It is used only as a winter vegetable, the top part only being edible. While best results are obtained from planting the roots under a bench in the greenhouse, nevertheless a light, dry, warm portion of a cellar will serve the same purpose. Prepare a bed of rich garden soil, about 12 inches deep. They should be placed about 6 inches apart each way. The top growth remains intact and may be cut any time after they have about 5 inches growth, before the heads begin to expand. Roots should be set in the ground the same depth as they were originally in the garden. A continuous supply of this delicious winter vegetable can be had from December 1st to April 1st. A cold frame makes also an ideal place for forcing them in.

Strong Roots, until stock is exhausted, usually April 1st. 60c. per doz.; per 100, \$4.00; \$30.00 per 1000.

Seed.

CAULIFLOWER, Michell's Snowstorm

Cauliflower is an important crop with the market gardener and on that account we are extremely critical about the quality of the seed.

Michell's Snowstorm produces colossal heads of the purest white, averaging often 10 inches in diameter, particularly desirable for its extreme earliness; may be used either under glass or outdoors. This cauliflower seed we sell to the most critical market gardeners who refuse to use any other. (Large pkt., 20c.). Trade pkt., 40c.; \$1.25 per $\frac{1}{4}$ oz.; oz., \$4.00; \$14.00 per $\frac{1}{4}$ lb.

All prices subject to change

(ht)



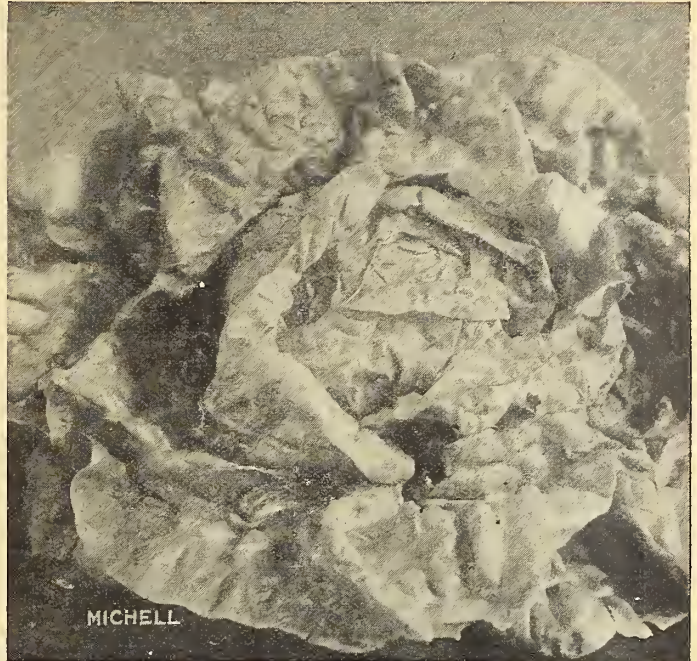
Celery—Easy Blanching

CELERY—"Easy Blanching"

This variety, without exception, is probably the most important Celery introduction in recent years. The bunch, shown above, was grown from our seed by a market gardener in Collingdale, Delaware Co., Pa., and sent to us October 2, 1917, at which time the three stalks weighed $13\frac{1}{2}$ lbs. and measured 18 inches through in breadth and 18 inches tall. This is a remarkable growth, although its entire planting averages the same. It can easily be figured, that the plants attain an enormous size, considering that they had fully 30 days more, in which to grow. The outer stalks are green, while the inner ones are white, with yellow leaf tips. A valuable variety for use prior to Thanksgiving day. It has sweet, nutty flavor and is neither stringy nor pithy. Every grower of celery should include this in his list. Price, 40c. oz.; $\frac{1}{4}$ lb., \$1.50; \$5.00 per lb.

PE-TSAI (Chinese or Celery Cabbage)

The American gardener as well as housewife will hesitate, in thinking, that anything of Chinese origin would be suited to their taste. This, however, is not the case with the Chinese Cabbage. The plant is of upright growth, about 15 inches, sometimes more, sometimes less, soil conditions governing. It resembles in appearance and growth a head of Cos Romaine or Celery Lettuce, but possesses the attractive curly feature of Silesian Lettuce, and a broad, wide rib. The heads are very firm, almost like Cabbage. The flavor is delightful, not at all like Cabbage, but rather on the order of Witloof Chicory or French Endive. It may be served like lettuce, tasting better with salad dressing, or it makes excellent Cole Slaw when it is prepared exactly as one would prepare Cole Slaw from Cabbage. It may also be cooked as one would Cabbage, the flavor somewhat resembling Cauliflower. It can be planted as a spring or autumn crop; for latter the seed is sown in July. The head does not become as high then as when sown in spring, and is adapted in that season rather as a Lettuce than as Cabbage. May be forced readily in cold frame. We are convinced that this vegetable will become popular very shortly. The small plants are handled much like Lettuce, except that they should be set out from 15 to 18 inches apart, the rows 2 to $2\frac{1}{2}$ feet apart. They prefer naturally low or moist garden soil, although they will thrive in almost any soil conditions. Oz., 20c.; $\frac{1}{4}$ lb., 70c.; \$2.50 per lb.

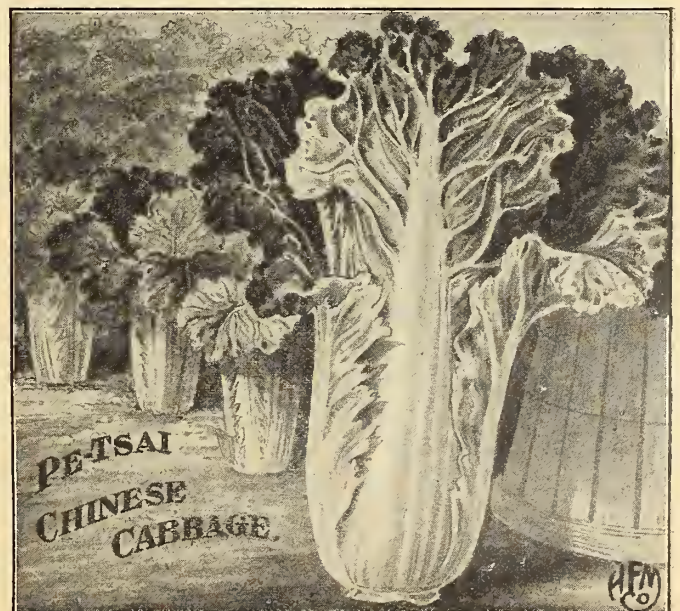


Lettuce, "Davey's" Big Boston

LETTUCE

"Davey's Improved Strain of Big Boston"

This seed is produced for us in a suburb of Paris, France, by one of the leading market gardeners there, who created a heavy demand for this variety. The strain is superior in every way to the usual strain of the Big Boston variety. The heads are larger, almost twice the size, more solid and of better flavor. The outer leaves of the head are large and somewhat loosely set around a solid, buttery, well flavored heart or interior. We have sold this variety extensively to our market gardener customers and many of them have booked their order in advance for this season's supply, in event of a crop failure. It is ideal for hotbed culture in the early spring and autumn, while for summer growing it is one of the best. 25c. per oz.; per $\frac{1}{4}$ lb., 90c.; \$3.00 per lb.



All prices subject to change without notice

(ht)

Michell's Vegetable Seed Specialties



Honey Dew Muskmelon

MELON or CANTALOUPE "HONEY DEW"

The original seed of this came from Africa; was planted in Rockyford, Colorado, and crossed with the famous Rockyford Melon. It was offered extensively in the Philadelphia markets as late as November during the past year and brought big prices. It might easily be termed a family melon because one is large enough for a number of people. It is large in size, being six inches in diameter and from seven to eight inches long. The skin is smooth with an occasional net, is creamy when white. The thick flesh is emerald green, melting and of a wonderfully delicious flavor sweet as honey. The ripe melons can be kept in a suitable place for several weeks before using. In fact, they can be placed in cool storage and kept until Christmas. 15c. $\frac{1}{2}$ oz.; oz., 25c.; $\frac{1}{4}$ lb., 90c.; \$3.25 per lb.

PEPPER—Pimiento

A sweet species without any trace of burning when eaten alone or used in the preparation of other dishes. The plant is compact and uniform in growth, while the fruits are perfectly smooth and attractive. When fully ripe they are bright red, although they can be used in the green state. For slicing on tomatoes, salads, etc., they are delicious; while, used stuffed and baked, they are equally pleasing. This may be considered one of the best peppers for the home garden. 25c. per $\frac{1}{2}$ oz.; per oz., 50c.; \$1.75 per $\frac{1}{4}$ lb.

One of the Many Unsolicited Testimonials

Oak Lane, Philadelphia, Pa.

I should like to take this opportunity of expressing my pleasure in the results obtained from everything I obtained from you. One more thing—I do wish to commend the courtesy of your salesmen, who, in the heaviest spring rush, paid as much attention to the smallest order as if they had been great ones.

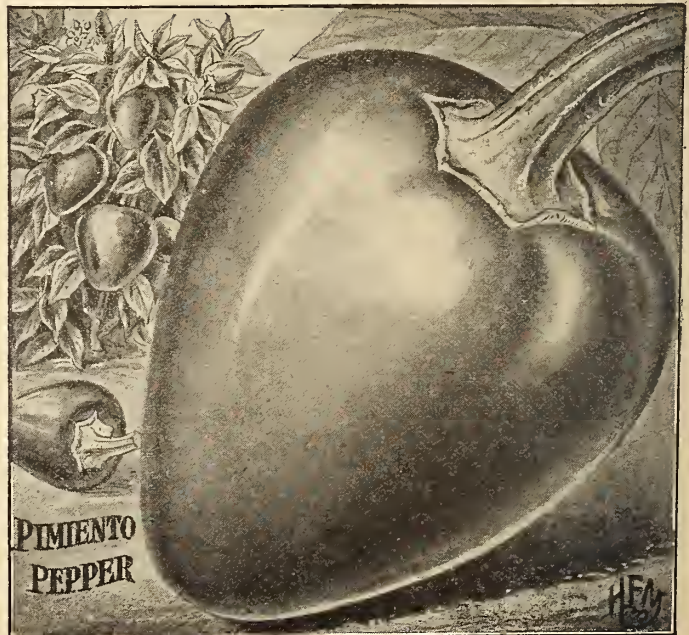
(Signed) IRENE S. ELDRIDGE.



Onion, Winter Keeper

ONION—Winter Keeper

This is a splendid yellow variety, originated in California. Its keeping qualities are really marvelous, lasting in perfect condition well into early summer. It came under our observation for two seasons and each time we were favorably impressed with its good qualities. It can be grown from seed to a full size onion in one season, if sown early and thinned out. It is rather mild in flavor and has a beautiful deep yellow color. Price, oz., 50c.; $\frac{1}{4}$ lb., \$1.50; \$5.00 lb.



MICHELL'S "DISTINCTIVE" VEGETABLE SEEDS

Grown Especially for Market Gardeners' Trade. All prices subject to change.

The trucker and commercial grower is realizing more than ever that he must be extremely careful in the selection of seeds, not only for the purpose of procuring carefully grown strains, but also that the variety he chooses is that which is the most salable in his market. Both of these features have been given our utmost attention in the make-up of our list, and market gardeners can absolutely rely upon "Michell's Seeds." Varieties especially suited to the market gardener and trucker are marked with an asterisk (*).

ASPARAGUS

- ***Barr's Mammoth.** A favorite in the markets of Philadelphia; big, tender, green stalks. Oz., 5c.; 15c. ¼ lb.; lb., 50c.; \$2.00 per 5 lbs.
- Conover's Colossal, Giant Green Variety.** Oz. ¼ lb. Lb.
(5 lbs., \$2.00)\$0.05 \$0.15 \$0.50
- Giant d'Argenteuil, French White Sort.**..... .10 .25 .75
- Palmetto or Eclipse (5 lbs., \$2.00)**..... .05 .15 .50

ASPARAGUS ROOTS

	2 year old Roots		3 year old Roots	
	100	1000	100	1000
Barr's Mammoth	\$0.75	\$5.25	\$1.25	\$10.00
Conover's Colossal .....	.75	5.25	1.25	10.00
Giant d'Argenteuil .....	.75	5.25	1.25	10.00
Palmetto or Eclipse .....	.75	5.25	1.25	10.00

- ANISE** Used for flavoring.....Oz. ¼ lb. Lb.
.....\$0.12 \$0.35 \$1.25
- ARTICHOKE** **Large-Green Globe Seed** .40 1.35 5.00
- " **Green Globe Plants.** \$1.25 doz.; per 100, \$8.00.
- " **Jerusalem Roots.** 15c. qt.; peck, \$1.00; \$3.25 per bushel.

- BALM.** Pkt., 4c.; 20c. oz.
- BORAGE.** For flavoring and for bees. Oz. ¼ Lb.
Pkt., 40c.....\$0.15 \$0.50

- BROCCOLI.** **White Cape**\$0.30 \$1.00 \$3.25
- BRUSSELS SPROUTS.** **Matchless** .. .20 .65 2.25

Plants, Ready in July. 50c. per 100; per 1000, \$4.00.

TABLE BEETS

- Arlington Favorite.** Rich blood red, turnip-shaped. Oz., 15c.; 55c. ¼ lb.; lb., \$2.00.
- Beet Swiss Chard.** See page 43.
- Bastian's Early Turnip.** Very similar to Lentz, but a somewhat larger root. 12c. oz.; ¼ lb., 40c.; \$1.50 lb.
- Bassano.** The principal butter beet; white and rose colored; flat shaped. Oz., 12c.; 40c. ¼ lb.; lb., \$1.50.
- ***Bastian's Half Long.** This is a true blood variety, sown for a winter crop exclusively. It makes handsome roots. 12c. oz.; ¼ lb., 40c.; \$1.50 per lb.
- ***Crosby's Egyptian.** Very early, roundish flat; very tender; for sowing under glass it is an ideal sort. 15c. oz.; ¼ lb., 55c.; \$2.00 per lb.
- Detroit.** Rich deep red, a splendid winter beet, turnip-shaped. 15c. oz.; ¼ lb., 55c.; \$2.00 per lb.
- Eclipse.** Very small; round, splendid for forcing. Oz., 12c.; 40c. ¼ lb.; lb., \$1.50.
- Edmand's.** Blood red, turnip-shaped, fine for summer. 12c. oz.; ¼ lb., 40c.; \$1.50 lb.
- ***Lentz Extra Early Turnip.** For early spring and late summer sowing; the flesh is finely grained and very sweet. 12c. oz.; ¼ lb., 40c.; \$1.50 per lb.

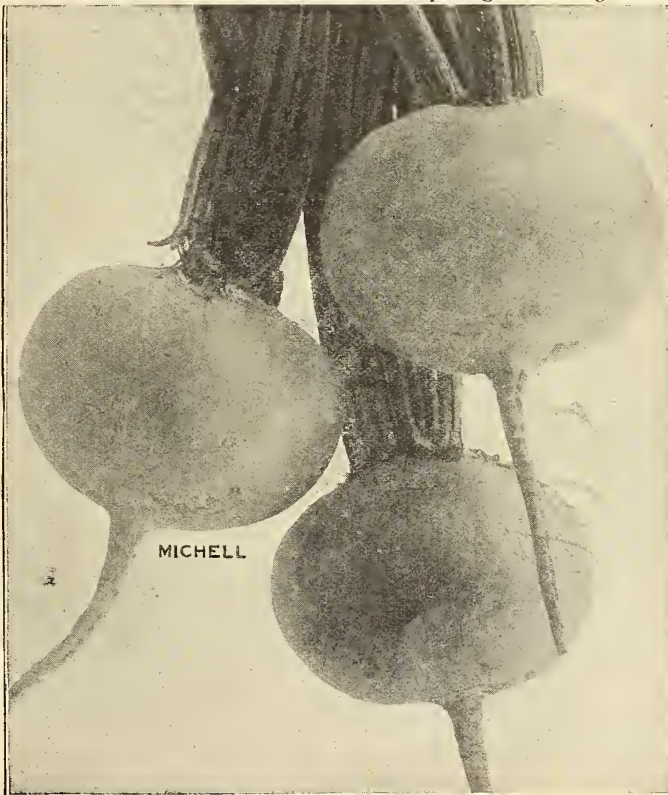
TABLE BEETS—Continued.

- Michell's Ideal.** A splendid turnip shaped variety; fine for early summer or as a Winter keeper. 20c. per oz.; ¼ lb., 70c.; \$2.50 per lb.
- ***Michell's Improved Crimson Globe.** The leading sort for the market garden; splendid for early sowing and general crop. 15c. per oz.; ¼ lb., 55c.; \$2.00 per lb.
- Michell's Winter Keeper.** Globe shaped, rich red, tender and sweet; one of the best winter sorts. 20c. oz.; per ¼ lb., 70c.; \$2.50 per lb.

CATTLE BEETS OR MANGEL WURZEL

	Oz.	¼ lb.	Lb.
Golden Tankard	\$0.08	\$0.30	\$1.10
Lane's Improved White Sugar			
Mammoth Long Red			
Red Globe			
Yellow Globe			

If wanted .08 .30 1.10
by mail, al- .08 .30 1.10
low 8c. lb. .08 .30 1.10
for postage. .08 .30 1.10



Crimson Globe Beet

SPECIAL NOTICE.

All Vegetable Seeds, NOT listed in our Wholesale Catalog, which may be found in the Retail List, are subject to the following discounts from Retail Prices, viz: Packets, 33 1/3 per cent.; ounces, pints and quarts, 25 per cent.; novelties, 20 per cent.

NOTE. All seeds (plants and roots not included) offered on this page, in 1 lb. lots or less (except Mangel Wurzel), are mailed postpaid. (ht)

Beans (Crop Very Short, Order Early)

Varieties Marked * Especially Suited to Market Gardeners' Needs

Information about Dwarf Wax and Green-Podded Beans and Pole Beans (not Limas).

Again must the American Seed Trade report what is probably the most discouraging crop failure of dwarf green and wax podded beans and pole string beans. In many instances bean growers on contract did not get back as much as one-half of the seed they actually planted. There will not be sufficient dwarf green and wax podded and pole beans again this season to supply the demand. We have a normal stock, and hope to be able to take care of our customer's wants in this line. However, owing to the great scarcity, we recommend that all seed orders be placed early. On account of the short crop we quote here prices for quart lots only. Prices for larger quantity on application. Prices subject to change.

DWARF GREEN VARIETIES

Plant 1 qt. to 100 ft. drill, 12 to 15 qts. per acre.

	Per Qt.
Best of All. Round podded, good cropper.....	\$0.55
* Black Valentine. This is the big cropper for the market gardener, very early, round podded.....	.55
Boston Navy or Pea. For shelling.....	.50
Broad Windsor. For shelling.....	.60
Dwarf Horticultural. For shelling.....	.55
Early Long Yellow. Six weeks, flat podded.....	.55
Early Mohawk. Flat podded.....	.55
* Extra Early Refugee. Extremely early fleshy round podded sort .....	.60
* Full Measure. An excellent market variety.....	.70
Glory of St. Andrew. Round podded medium dwarf grower, a great cropper.....	.85
Longfellow. A heavy yielder.....	.55
* Mammoth Stringless Green Pod (Giant Valentine). Combining the excellent qualities of Red Valentine and the Stringless Green Pod.....	.70
* Red Valentine (Ex. Early). This round podded variety is a tremendous yielder.....	.60
Sion House. For forcing and outdoor sowing.....	.85
Stringless Green Pod. The most tender and absolutely stringless. Round podded .....	.70
White Kidney or Royal Dwarf. For shelling.....	.50
White Marrowfat. For shelling.....	.50

DWARF WAX OR YELLOW POD

Plant same quantity, per given space, as recommended for Dwarf Green Beans.

	Per Qt.
Black or German Wax. Round podded.....	.75
* Currie's Rust Proof Golden Wax. A tremendous yielder of golden yellow, flat pods.....	.75
Davis' White Wax .....	.75
* Improved Dwarf Golden Wax (Rust Proof). Very prolific .....	.65
Mont d'Or (New). A tremendous yielder.....	.85
Round Pod Kidney Wax. AI for market gardeners.....	.80
Valentine Wax. (Round Pod.).....	.70
* Wardwell's Wax. Flat-podded, very long and slender.....	.85

POLE BEANS (Not Lima)

Early Golden Cluster Wax. Long yellow, flat pods, ideal for pickling .....	.85
Horticultural. Used for shelling, also in the pod when green .....	.65
Kentucky Wonder. It has long, round, green pods, and is produced in unusual quantity, always tender.....	.75
Lazy Wife's. Green pod .....	.85
Scarlet Runner. Green pod .....	.85



Pole Lima Beans—"Shotwell's Improved"

LIMA BEANS (Pole Varieties)

- One qt. will plant 100 hills; 12 to 15 qts. will plant an acre.
- ***Carpinteria.** Similar to *Michell's Evergreen*, but with a shorter pod, containing, as a rule, 3 to 4 beans of a green color, which is retained even when dried, very early. Qt., 65c.; \$2.50 per 4 qts.
 - ***Dreer's Improved (Potato, or Challenger).** A round-seeded, thick-podded bean, very popular on account of its earliness. 65c. qt.; 4 qts., \$2.50.
 - ***Giant Podded.** A most productive early variety. The beans are extra large and of superb flavor. 65c. qt.; 4 qts., \$2.50.
 - ***King of the Garden.** A medium-sized bean in large pods with 3 to 5 beans, very vigorous, being continuously in bloom and bearing. 65c. qt.; 4 qts., \$2.50.
 - ***Michell's Evergreen.** The earliest pole lima. It retains its beautiful green color even when in the dry state. Pods average 5 to 6 beans and are produced in clusters of 6 to 8 pods. 65c. qt.; 4 qts., \$2.50.
 - ***Michell's Selected Large Jersey Lima.** This is a very fine selection of the popular *Jersey Lima*, grown especially for our trade. 65c. qt.; 4 qts., \$2.50.

LIMA BEANS (Bush Varieties)

- ***Fordhook.** A thick, luscious bean of wonderful producing qualities, very early and continuing to bear right up to frost time. The plant is upright in growth and bears its clusters far above the ground, so they can easily be gathered. 75c. qt.; 4 qts., \$2.75.
- Burpee's Improved.** This is so far superior to the old type, that it should be used instead. The large bean, very thick, sweet and produced in profusion; a favorite on account of its tenderness. 75c. qt.; 4 qts., \$2.75.
- Henderson's.** The earliest bush lima, but producing very small flat seed, which though are of excellent flavor, being much in demand. 65c. qt.; 4 qts., \$2.50.

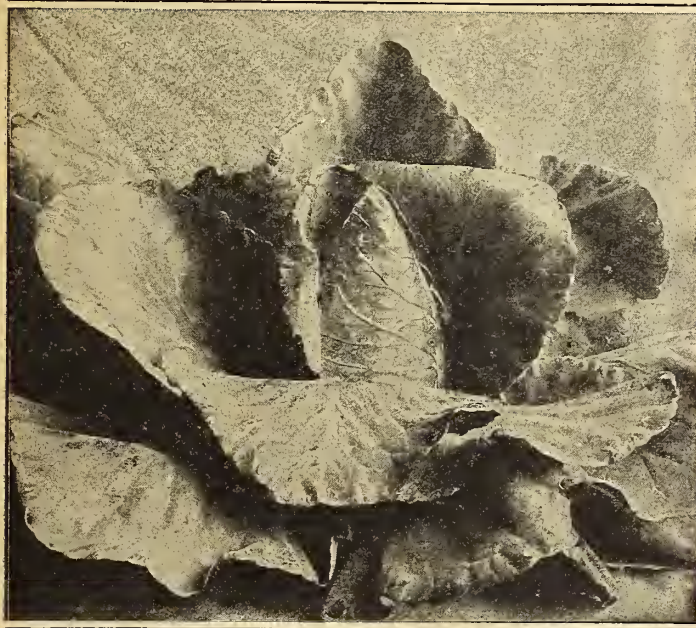
Prices for larger quantities of Lima Beans than offered will be quoted on request.

Michell's Cabbage Seed (Choice Long Island Grown) 31

All Prices Subject to Change

Varieties Marked* are Especially Suited for Market Gardeners

Pennsylvania is known to produce some of the best cabbage grown in this country and when the seed which is used is produced from a selected strain, it is one of the most profitable crops the trucker can bring to the market. We have realized this important factor and we can truthfully say that no strain of cabbage seed is superior to Michell's.



Michell's Early Jersey Wakefield Cabbage

EARLY VARIETIES

All Head. The largest of the early cabbages, being roundish flat and very solid. Oz., 40c.; \$1.25 per ¼ lb.; lb., \$4.25.

Early Flat Dutch. Very compact grower with a medium size, roundish flat head, which is always solid. Oz., 30c.; \$1.00 per ¼ lb.; lb., \$3.50.

Early Winnigstadt. A variety similar to Wakefield, but not quite as compact header; it is very early, following the former variety in maturing. Oz., 30c.; \$1.00 per ¼ lb.; lb., \$3.75.

***Improved Early Jersey Wakefield.** The most popular first crop variety, having pointed heads with few outer leaves and which sells readily. It produces uniform pointed heads, and should be sown by every market gardener. Perhaps of no other variety are as many varying strains offered as of this one. We are positive that those who grow ours will be well pleased with the result.

Private Strain (extra selected). Oz., 50c.; \$1.50 per ¼ lb.; lb., \$5.00.

Usual Strain. Oz., 40c.; \$1.25 per ¼ lb.; lb., \$4.50.

***Large Charleston Wakefield.** Similar to the above but with heads almost twice as large and more blunt at the point; matures a week later than the above. 50c. oz.; ¼ lb., \$1.50; \$5.00 lb.

SECOND EARLY VARIETIES

Copenhagen Market. Round head, second early, fine grained, white interior. 45c. per oz.; ¼ lb., \$1.50; \$5.50 per lb.

Henderson's Early Summer. Enormous solid heads, roundish flat, one of the best midsummer varieties and is a ready seller. 40c. oz.; ¼ lb., \$1.00; \$3.75 per lb.

LATE OR WINTER VARIETIES

***Improved Late Flat Dutch.** A specialty with us in a strain that cannot be surpassed elsewhere; our grower selects the heads with infinite care and the testimonials we receive from our customers on this variety are the best proof of its quality. It makes enormous solid heads of the finest type, extremely uniform, ideal for sauer kraut and winter keeping. Oz., 40c.; \$1.25 ¼ lb.; lb., \$4.00.

LATE OR WINTER VARIETIES—Continued.

All Seasons (Vandergaw). Beautiful heads which are suitable for midsummer and winter use, very large, round and solid. Oz., 40c.; \$1.25 per ¼ lb.; lb., \$4.00.

Large Late Drumhead. Very large, with roundish heads which are very solid, excellent winter keeper. Oz., 30c.; \$1.00 ¼ lb.; lb., \$3.50.

***Michell's Improved Danish Ball Head.** One of the best winter cabbages grown to-day; in weight the individual heads exceed any other variety, and where cabbages are sold by weight this is the sort that will bring in the most money. Particularly desirable because it succeeds under most trying conditions. Round, solid, well-formed heads. Oz., 50c.; \$1.50 per ¼ lb.; lb., \$5.00.

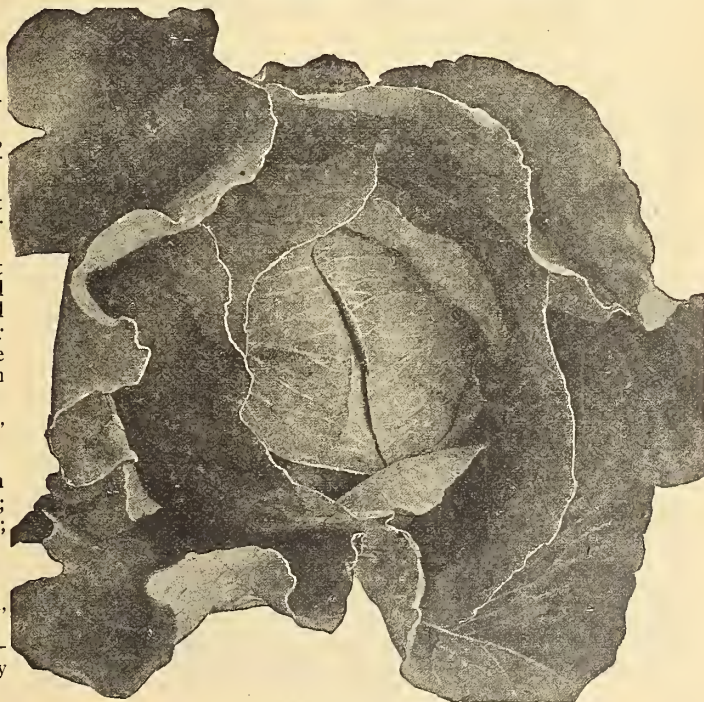
***Perfection Drumhead Savoy.** The great favorite of the German populace; finding a ready sale in most any market. This variety grows very large and has no waste to it; heads almost round with beautifully curled leaves. Oz., 30c.; ¼ lb., \$1.00; lb., \$3.50.

***Red Dutch Drumhead.** A specialty with all Europeans, and a limited quantity of this is a profitable crop. The head is of medium size, very solid and almost round; every bit of it can be used. 30c. oz.; ¼ lb., \$1.00; \$3.50 lb.

CABBAGE PLANTS

Early Varieties. Early Jersey Wakefield and All Head only. From hot beds, ready about May 1st. 40c. per 100; per 1000, \$3.50. From cold frames, ready about April 1st. 65c. per 100; per 1000, \$5.50.

Late Varieties. Danish Ballhead and Late Flat Dutch, only ready about July 1st. 40c. per 100; per 1000, \$3.50. Special price on larger quantities



All Seasons Cabbage

CHINESE CABBAGE (Pte Tsai)

Introduced from China, this new vegetable has at once become a great favorite. It is as tender as Lettuce and can be used for numerous dishes such as salads, cole slaw, and it can be eaten raw or cooked. It can be planted as a spring or autumn crop. May be forced readily in cold frames. 20c. per oz.; per ¼ lb., 70c.; per lb., \$2.50.

Michell's Selected Carrot Seed

HARVESTED from pure stock and selected roots, 3 to 4 lbs. will sow an acre.

NOTE—Prices on all Vegetable Seeds in this catalog include postage, unless otherwise noted.—SHOP BY MAIL.

***Danver's Half Long.** The heaviest yielding carrot we know of, ideal for general crop and winter keeping, stump rooted, of fine orange color and medium long. Our strain is a reselection by a carrot specialist. Oz., 20c.; 65c. ¼ lb.; lb., \$2.40.

Early Half Long Scarlet. Grows from 5 to 6 inches long, of a rich scarlet orange color, point rooted; an intermediate sort between Scarlet Horn and Long Orange, can be sown under glass for early use. Oz., 20c.; 60c. ¼ lb.; lb., \$2.00.

Early Scarlet Horn. A very early outdoor variety, of fine color, stump rooted and desirable for bunching. Oz., 20c.; 60c. ¼ lb.; lb., \$2.00.

French Forcing or Early Short Horn. Very small round root, one of the earliest varieties to mature either outdoors or under glass. Oz., 20c.; 65c. ¼ lb.; lb., \$2.50.

Guerande or Oxheart. A short stump rooted sort, which can be readily grown on stiff hard soil, where other varieties would not succeed so well, grows about 3 inches long and is of rich orange color. Oz., 20c.; 65c. ¼ lb.; lb., \$2.40.

***Long Orange (Improved).** The longest table carrot, frequently 10 inches long, of deep orange color. Its yield is enormous and of uniform shape; for stock feeding it is extensively used. Oz., 15c.; 40c. ¼ lb.; lb., \$1.50.

Orange Beauty. A first-class carrot in every respect. This is a half long point rooted variety, very sweet and tender. Fine for early sowing in hot bed or for outdoors. Grows remarkably uniform, therefore just the sort for the trucker. 20c. oz.; ¼ lb., 60c.; \$2.25 lb.

Chantenay Half Long. Very similar to Rubicon but a trifle longer, much used for sowing under glass and in hotbeds; a splendid carrot for bunching, and used extensively in the New York market gardening district. Oz., 20c.; 70c. ¼ lb.; lb., \$2.50.



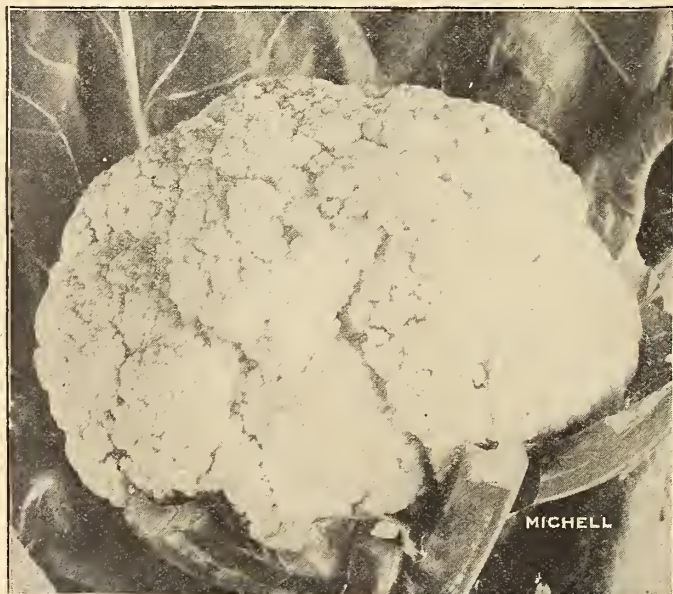
Michell's Strain Rubicon Carrot

***Rubicon Half Long.** The leading market gardeners' variety, one of the earliest and frequently used for forcing and sowing in hotbeds; in form it resembles the Danver's, but is considerably shorter in length, rich orange color, stump rooted. Oz., 20c.; 70c. ¼ lb.; lb., \$2.50.

White Belgian. Used for stock feeding only, very long white root, also good for soiling when turned under. Oz., 15c.; 50c. ¼ lb.; lb., \$1.50.

Michell's Pedigreed Cauliflower Seed

One ounce of seed will produce about 3000 plants,



Snowstorm Cauliflower

Algiers. Large heads; late; for outdoors. Pkt., 8c.; 20c. ¼ oz.; oz., \$1.00; \$3.50 per ¼ lb.

***Danish Giant.** A variety which is especially recommended for midsummer use, because it will stand more drought and heat than any other sort. The heads are very large

snowy white, and well protected by a liberal growth of foliage; a sure header and therefore just the sort for the market gardener. Large pkt., 20c.; 75c. ¼ oz.; oz., \$2.50; \$9.00 per ¼ lb.

***Early Snowball.** Perhaps one of the best known varieties and therefore used extensively; the heads are quite large and can be successfully grown even under adverse weather conditions. The head is very white. Large pkt., 20c.; trade pkt., 40c.; 75c. ¼ oz.; oz., \$2.75; \$10.00 per ¼ lb.

Half Early Paris. Small heads for frame or outdoor planting. Pkt., 8c.; 20c. ¼ oz.; oz., 60c.; \$2.00 per ¼ lb.

***Michell's Earliest Snowstorm.** Colossal heads of the purest white, averaging often 10 inches in diameter, particularly desirable for its extreme earliness, though it may be used to equal advantage either under glass or outdoors. This cauliflower seed we sell to the most critical market gardeners who would refuse to use any other. (Large pkt., 20c.). Trade pkt., 40c.; \$1.25 per ¼ oz.; oz., \$4.00; \$14.00 per ¼ lb.

***Selected Erfurt (Michell's Special Strain).** Selected for its earliness and is particularly suitable for growing under glass, though it does very well outdoors as an early spring crop. Of dwarf growth with short foliage; medium sized heads, but mature very quickly. Large pkt., 20c.; 40c. per trade pkt.; 75c. ¼ oz.; oz., \$2.50; \$9.00 per ¼ lb.

CAULIFLOWER PLANTS

	Doz.	100	1000
Hotbed Grown. Snowball variety.....	\$0.20	\$1.25	\$8.00
Pot Grown. Snowball variety.....	.50	4.00	37.50

Vegetable Plants travel best by express

	Oz.	¼ lb.	Lb.
CARAWAY	\$0.10	\$0.30	\$1.00
CATNIP (Pkt., 8c.).....	.30		

Varieties marked * are best suited for market gardeners. Prices for all seeds on this page are postpaid.



Celery, New Columbia

CELERY (All Prices Subject to Change)

Celeriac. Giant Smooth Prague. 25c. oz.; 60c. per ¼ lb.; lb., \$2.25.
Dwarf Golden Heart. A Christmas celery. Oz., 20c.; ¼ lb., 60c.; \$2.00 per lb.
Easy Blanching (Green). A variety that has created a sensation in the New York markets. It combines all the good qualities of the early self-blanching sorts and the crisp, nutty flavor of the green winter varieties (see page 27). 40c. oz.; ¼ lb., \$1.50; \$5.00 lb.
Flavoring Celery. Not for sowing. 10c. ¼ lb.; lb., 35c.
Giant Pascal. Ideal for the trucker, keeping longer than any other sort, of splendid appearance and exceedingly tall, three features which recommend it to the man who grows for profit; blanches pure white. Oz., 20c.; 60c. ¼ lb.; lb., \$1.75.
***Golden Self Blanching (French Grown Seed, Vilmorin Stock).** The leading variety for Thanksgiving market; enormous stalks of golden yellow, requiring almost no artificial blanching; grown in enormous quantities by all who specialize in celery. Our stock is the best in the world and absolutely true. This strain is very scarce this year. ¼ oz., 35c.; 60c. ½ oz.; \$1.00 per oz.; ¼ lb., \$3.50; \$12.50 per lb.
Golden Self Blanching (American Grown). Our strain of this is grown from French seed. 50c. per oz.; ¼ lb., \$1.75; \$6.00 per lb.
***Michell's Improved White Plume (Private Stock).** One of the earliest of celeries, and grown in enormous quantity by all the leading truckers. Our strain of this is unusually fine. Many of our customers engage their requirements a year ahead, so as to be sure and procure it from us before our stock is exhausted. Oz., 30c.; \$1.00 ¼ lb.; lb., \$3.50.

New Columbia. A popular variety with the truck gardener, especially in the Chicago market; of medium height, but very solid and heavy; three stalks make a massive bunch; splendid winter variety, keeping well. 25c. oz.; ¼ lb., 75c.; \$2.50 lb.

***New York.** A self-blanching variety, being a cross between Giant Pascal

and White Plume. It is crisp, brittle and a fine variety for the market gardener, coming ahead of White Plume and is much larger. 25c. oz.; ¼ lb., 75c.; \$2.75 per lb.

Rose Ribbed Paris Self Blanching. Rose-colored stalks. Oz., 25c.; ¼ lb., 85c.; \$3.00 per lb.

White Plume (Usual Strain). Oz., 25c.; 75c. ¼ lb.; lb., \$2.75.

Winter King. Very large, solid green, winter sort; blanches well. 25c. oz.; ¼ lb., 90c.; \$3.00 lb.

***Winter Queen.** A medium tall solid variety, keeps well through the winter; very full and large heart. Oz., 25c.; 75c. per ¼ lb.; lb., \$2.50.

CELERY PLANTS Special Prices will be quoted on Celery Plants in large lots

Leading Varieties. Early and late. 40c. per 100; per 1000, \$3.50.

CUCUMBER

***Arlington Improved White Spine.** The best sort for growing under glass and general outdoor crop for market, producing fruits which are always uniform; deep green, very smooth and rounded at the end. It is not always the largest cucumber which is wanted by the market gardener, because the produce man is limited as to the price he can get. Oz., 15c.; 50c. ¼ lb.; lb., \$1.50.

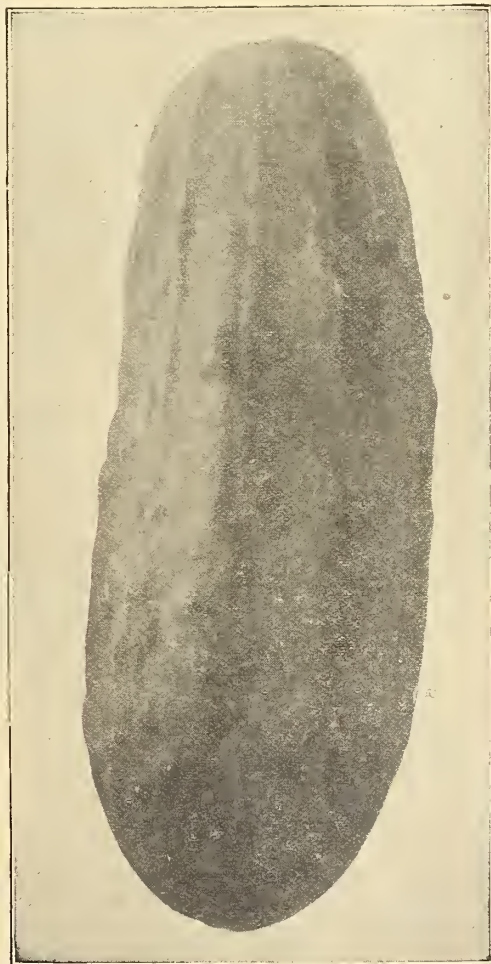
***Davis' Perfect.** Very similar in form to the above; a heavy crop can always be depended upon whether grown under glass or outdoors. As a rule it bears three or four specimens in a cluster of even larger size than the White Spined; of rich deep green color. 15c. oz.; ¼ lb., 40c.; \$1.25 per lb.

***Jersey Pickle, or Green Prolific.** A staple variety with many of the larger market gardeners, it is short and thick and used principally for pickling. Oz., 10c.; 35c. ¼ lb.; lb., \$1.10.

	Oz.	¼ lb.	Lb.
Cool and Crisp	\$0.10	\$0.35	\$1.10
Emerald	.10	.35	1.10
Evergreen	.10	.35	1.10
Japanese Climbing	.10	.35	1.10
Long Green Turkey	.10	.35	1.10
Small Gherkin or Burr	.15	.40	1.50
White Spined (Usual Strain)	.10	.35	1.10

ENGLISH FORCING CUCUMBERS

Lockie's Perfection, Sion House, Telegraph, Tender and True. The forcing varieties, 20c. each, per pkt. of 12 seeds; per 100 seeds, \$1.75.



Davis Perfect Cucumber

MICHELL'S SUGAR CORN

(Connecticut Grown)

Very Short Crop—Order Early

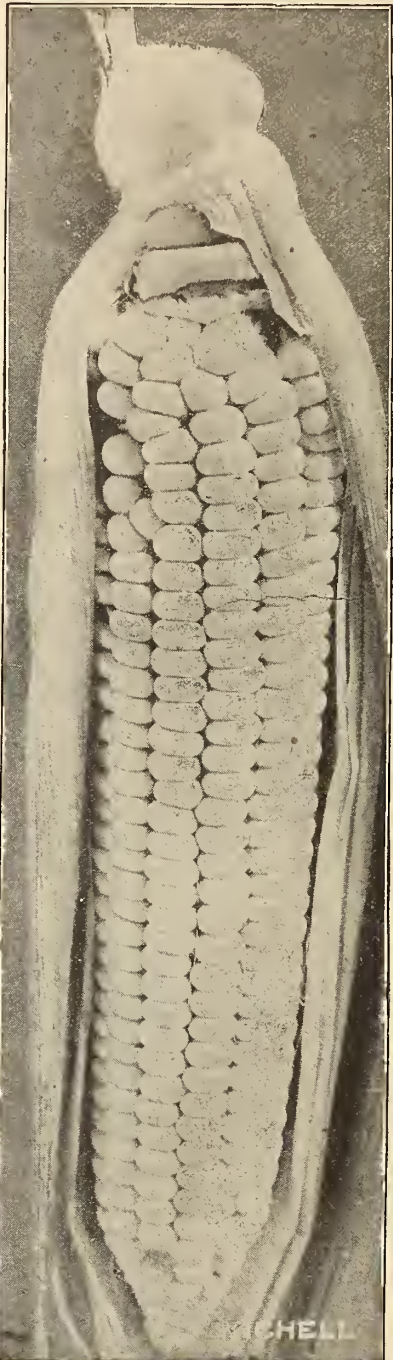
Varieties Marked * are Especially Suited for Market Gardeners' Use.

NOTE—Explanation of Crop Shortage.
The supply of sugar corn for seed is alarmingly short, due to the continuous drought, and the early frosts in the growing districts, the former prevented rapid growth and ear formation, while the latter caught the crop with the grains still in the milk in many kinds. At the time of going to press with this catalog no definite estimate of the harvest could be made. We expect a generous delivery from our respective growers of this crop. We have not priced greater quantities than 1 qt. here, but will be pleased to do so on application.

PRICES SUBJECT TO CHANGE

EARLY VARIETIES

- Crosby's Extra Early.** Medium-sized, very early and sweet, dwarf grower, but very productive. 30c. pt.; qt., 55c.
- *Early Giant Wonder.** It is the earliest of the true sugar corns and produces fine, large ears. 30c. pt.; qt., 55c.
- Early Champion.** Large ears, well shaped and exceedingly sweet. 30c. pt.; qt., 55c.
- Early Evergreen.** Like "Stowell's" in appearance and quality, but much earlier. 30c. pt.; qt., 55c.
- Early Mammoth.** Really a second early variety, producing enormous ears on a mammoth stalk. 30c. pt.; qt., 55c.
- Golden Bantam.** The sweetest corn grown, and while the ears are small it is the color actually which prevents it from being a favorite in the market. If the trucker will persist in introducing it, his customers will continue to ask for it; beautiful golden yellow. Pt., 30c.; 55c. qt.
- Golden Rod.** Similar to Golden Bantam with larger ears and lighter color and not quite so early. Pt., 30c.; 55c. qt.
- Golden Cream.** A cross between Country Gentleman and Golden Bantam, combining the excellent qualities of both. It is almost as early as Golden Bantam and has deeper grains and larger ears. We consider it a splendid sort. Pt., 30c.; 55c. qt.
- *Howling Mob.** One of the earliest, with fine, large ears of sweetest quality. A splendid variety for market gardener or home use. Pt., 30c.; 55c. qt.
- *Ideal.** One of the biggest yielders among the first earlies, and for this reason it is often preferred by market gardeners. Notwithstanding its earliness, the ears are quite large and our grower pays more attention to reselecting this variety than any other sort. Pt., 30c.; 55c. qt.
- *Kendel's Early Giant.** Very cylindrical ears, which are large deep grained and very sweet. Pt., 25c.; 50c. qt.
- *Stabler's Extra Early.** A very popular sort among the truckers; as the ear when ready for market is very attractive and is a ready seller. Pt., 30c.; 55c. qt.



Michell's Delicious Sugar Corn

MEDIUM AND LATE VARIETIES

- Black Mexican.** Medium-sized ears, black and white kernel, very sweet; late. 30c. pt.; qt., 55c.
- *Country Gentleman.** A large late variety, with the deep kernels set very irregularly on the cob. It is undoubtedly one of the sweetest late corns grown, which alone recommends it. 30c. pt.; qt., 60c.
- Late Mammoth.** The latest maturing and the largest of all sweet corn, gigantic ears produced in quantity. The stalks often grow 8 to 9 feet high. 25c. pt.; qt., 50c.
- Little Gem or Shoe-Peg (*Ne Plus Ultra*).** Very similar to Country Gentleman, having the same merits. 30c. per pt.; 55c. per qt.
- *Michell's Delicious.** Any market gardener selecting this variety as his standard for a mid-season planting will not be disappointed. Not only does it produce handsome ears in large quantity, but its flavor is excellent, and once tasted it is demanded again. Medium late. 30c. pt.; qt., 55c.
- *Stowell's Evergreen.** This old favorite cannot be superseded by any; it has the shape, size and quality in such abundant measure that the grower not only likes to plant it, but the consumer demands it. 30c. pt.; qt., 55c.

Sugar Corn on Ears

We can supply the following varieties in selected, well-shaped ears; bought in this manner one can make a careful reselection of grains or ears:

- *Country Gentleman, Stowell's Evergreen, Kendel's Early and Stabler's Early.** 10c. each; doz., \$1.00; \$7.50 per 100.

POP CORN (on Ears)

	Lb.
White Rice	\$0.15
Queen's Golden .....	.15

FIELD CORN

Grown especially for seed purposes, shelled from selected ears, carefully tipped and butted. Prices subject to change.

	Qt.	Pk.	Bu.
Chester Co. Mammoth	\$0.15	\$0.90	\$3.00
Cloud's Early Yellow Dent .....	.15	.90	2.75
Early Yellow Canada or Flint (8 rowed)...	.15	.90	3.00
Early Mastodon .....	.15	.90	3.25
Golden Beauty Improved .....	.15	.90	3.25
Hickory King, White .....	.15	.90	3.25
Leaming Early Dent, Selected strain.....	.15	.90	3.25
100 Day Early Bristol .....	.15	.90	3.25
Reid's Yellow Dent .....	.15	.90	3.25
Red Cob Ensilage, White .....	.15	.85	3.00
Eureka Ensilage, Yellow .....	.15	.90	2.75
Virginia Ensilage, White .....	.15	.85	3.00

When ordering Field Corn in 1-bushel lots and over allow 40c. for each 2-bushel seamless bag. (These are returnable for credit.)

NOTE.—If Sugar Corn is wanted by parcel post, allow for postage at the rate of 15c. per qt., as this is not included in the prices quoted here. If Field Corn is desired by mail allow for postage at the rate of 15c. per qt.

CHERVIL

Few market gardeners realize that they can have a steady income during the winter from supplying fresh greens to the hotel trade. Chervil is a flavoring green which is used in dressing lettuce, and while it is but little known, a single introduction will work up considerable demand.

Double Curled. Oz., 15c.; 40c. ¼ lb.; \$1.25 lb.
CHICORY Large Rooted. 10c. oz.; ¼ lb., 30c.; \$1.00 lb.
 " **Witloof.** 20c. oz.; ¼ lb., 60c.; \$2.25 lb.

CORIANDER For flavoring. 10c. oz.; ¼ lb., 35c.; \$1.00 lb.

CORN SALAD

This is much in demand and constitutes a profitable crop for winter and early spring use, bringing in money at a time of the year when vegetables are either exhausted or have not yet matured.

Large Seeded. Oz., 10c.; 30c. ¼ lb.; lb., 90c.

CHIVES

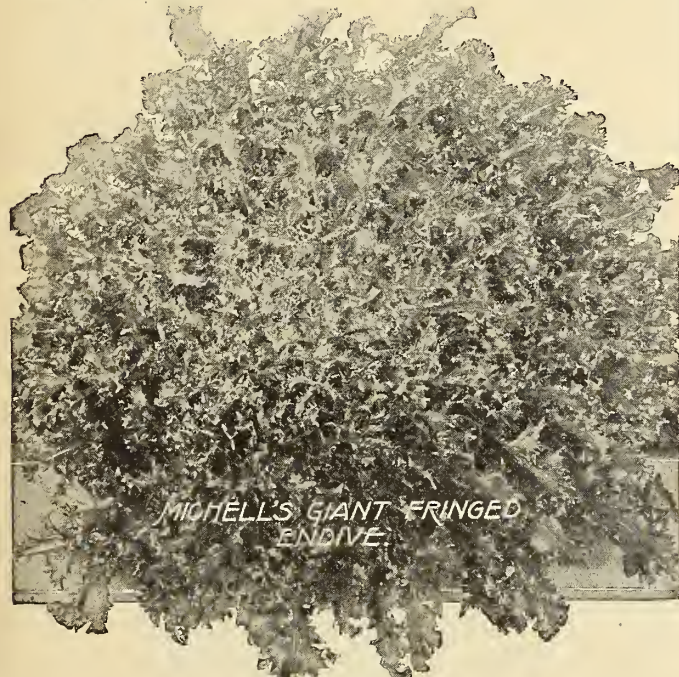
Strong plants. \$1.00 doz.; 100, \$7.50. Seed pkt., 8c.

WATER CRESS

A profitable side crop on any place where there is a stream of water; once established it remains for years, seeding itself. Prefers a running stream, not too deep; a money-maker in the spring, without any bother.

True Erfurt. Oz., 30c.; 85c. ¼ lb.; \$3.00 lb.

GARDEN CRESS Extra Curled or Pepper Grass. 10c. oz.; ¼ lb., 25c.; 60c. lb.



MICHELL'S GIANT FRINGED ENDIVE

ENDIVE

***Giant Fringed.** One of the largest and most curly varieties, very tender when properly blanched. This is another crop that brings in returns during the dull season. Properly cared for it can be kept all winter and marketed as required. Oz., 15c.; 50c. ¼ lb.; lb., \$1.75.

***Broad Leaved Batavian.** This variety has large broad ribbed leaves, which blanch almost pure white and which sells readily, especially to the French and Italian people. Oz., 15c.; 50c. ¼ lb.; lb., \$1.75.

	Oz.	¼ lb.	Lb.
Improved Green Curled	\$0.15	\$0.50	\$1.75
White Curled. Self Blanching .....	.15	.50	1.75

FENNEL. An aromatic herb15 .50 1.25
GARLIC 35c. lb. (5 lbs., \$1.50).

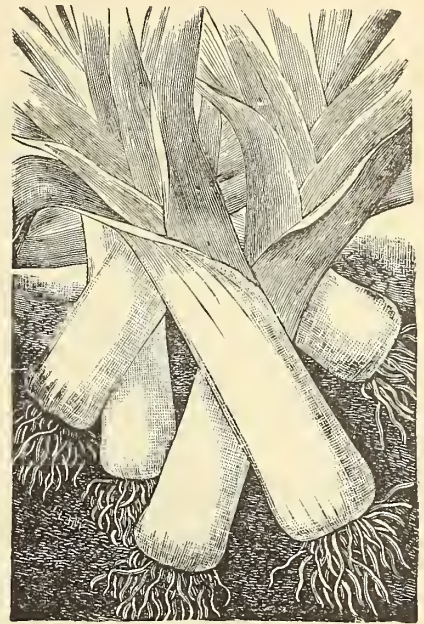
HOP VINES Strong pot plants. \$1.20 per doz.; per 100, \$9.00. Seed, pkt., 8c.

LEEK

***Giant Carentan.** Enormously large very thick, long stalk with plenty of edible heart. 20c. oz.; ¼ lb., 65c.; \$2.50 lb.

***Large Musselburg.** Slightly longer than the Carentan, but not so thick at the base. 20c. oz.; ¼ lb., 65c.; \$2.50 lb.

London Flag. Oz., 20c.; 65c. ¼ lb.; lb., \$2.50.



Giant Carentan Leek

LAVENDER

(Herb). 15c. oz.; ¼ lb., 50c.; \$1.75 lb.

LAVENDER PLANTS

Strong stock. \$1.50 doz.; per 100, \$10.00.

DANDELION

This is not the common weed known under that name, but one which is especially cultivated as a spring green, being grown in frames for this purpose. We handle the true French Grown Seed, which is the only kind that should be used.

Thick Leaved, or Cabbaging. Oz., 35c.; \$1.25 ¼ lb.; lb., \$4.75.

DILL

Used as a flavoring for pickles laid in brine; there is a lively demand for it in all sections where cucumbers are put up in this way. Oz., 10c.; 30c. ¼ lb.; lb., \$1.00.

EGG PLANT

***Black Beauty.** The earliest, largest and finest colored fruit, extensively grown in New Jersey as the leading market variety. Our strain of seed is carefully selected from the best ripe specimens. Oz., 50c.; \$1.75 ¼ lb.; lb., \$6.00.

	Oz.	¼ lb.	Lb.
New York Improved	\$0.35	\$1.25	\$4.75

EGG PLANT PLANTS

Hotbed Grown, New York Imp'd and Black Beauty	Doz.	100	1000
		\$2.50	\$22.50
Pot Grown, New York Imp'd and Black Beauty		\$0.50	4.00 35.00

HOREHOUND. (Herb). 25c. per oz.; ¼ lb., 75c.; \$2.50 per lb.

HORSE RADISH ROOTS

Maliner Kren. 85c. per 100; per 1000, \$6.50.
Common Variety. 60c. per 100; 1000, \$5.00.

KALE OR BORECOLE

New Imperial, or Long Standing. Very curly and of fine dark green color, stands about 15 inches high and is a tremendous cropper. Oz., 15c.; ¼ lb., 55c.; \$2.00 per lb.

Dwarf Green Curled. A semi-dwarf variety which stands the severest winters extremely well, of rich green color and finely curled. 15c. oz.; ¼ lb., 55c.; \$2.00 per lb.

Dwarf Green Scotch. 15c. oz.; ¼ lb., 55c.; \$2.00 per lb.

KOHL RABI

This should be grown extensively by market gardeners, especially those who have the patronage of German people; growers should be careful to market young roots only, as then only are they tender and delicious; can be successfully grown in frames.

	Oz.	¼ lb.	Lb.
White Vienna	\$0.20	\$0.70	\$2.50
Earliest White Erfurt .....	.20	.70	2.50
Purple Vienna .....	.20	.70	2.50

Michell's Choice Lettuce Seed

One ounce will produce about 2500 plants

VARIETIES marked * are especially suited to market gardeners' needs

SPECIAL NOTE—Seeds (not plants) offered on this page mailed postpaid at prices named.

All Heart. Fine for spring and summer, large loose heads with a solid heart. 15c. oz.; ¼ lb., 40c.; lb., \$1.25.

***Big Boston (Selected Stock).** One of the best varieties for forcing under glass, but is equally satisfactory planted outdoors, large solid heads. Oz., 15c.; 40c. per ¼ lb.; lb., \$1.25.

Black Seeded Simpson. Ideal for midsummer; large, loose leaved curly heads. 15c. oz.; per ¼ lb., 40c.; \$1.25 lb.

Boston Market (or White Seeded Tennisball). Splendid forcer and for spring use outdoors, small solid heads. Oz., 15c.; 40c. ¼ lb.; lb., \$1.25.

Cabbage Head Giant. Monster head lettuce for summer. 15c. oz.; ¼ lb., 40c.; \$1.25 lb.



Lettuce Michell's All Right

Davy's Improved Big Boston. This strain had its origin in France, near Paris. For a number of years a certain market gardener in the vicinity of New York had a monopoly on this variety, but after careful inquiry we have located the source of supply and are pleased to offer this most excellent lettuce. It is superior to the usual strain of the Big Boston variety. The heads are larger, almost twice the size, more solid and of a better flavor. 25c. per oz.; per ¼ lb., 90c.; \$3.00 per lb.

Early Cabbage, or White Butter. Very large heads, excellent for early spring or summer use. 15c. oz.; ¼ lb., 40c.; \$1.25 lb.

Hanson Improved. Crisp, curly heads, very solid, for summer use only. 15c. oz.; ¼ lb., 40c.; \$1.25 lb.

***Mammoth Salamander.** Splendid for midsummer, will resist heat and drought, always making a large solid head. Oz., 15c.; 40c. ¼ lb.; \$1.25 lb.

***May King.** If sown under sash and cropped outdoors this has proven to be the earliest lettuce in existence. 15c. oz.; ¼ lb., 40c.; \$1.25 lb.

***Michell's All-Right.** For the first crop in hotbeds or outdoors in spring. A very large solid head with a rich green color. It requires less of these to fill a barrel than any other lettuce we know of, fine also for an autumn crop. Oz., 15c.; 50c. ¼ lb.; \$1.50 lb.

***Michell's Number One.** Ideal for autumn use, a sure header, immensely large. Oz., 15c.; 40c. ¼ lb.; \$1.25 lb.

***Michell's Summer Queen.** "Summer Queen" is a most reliable variety for summer cropping. The heads are enormous, very solid, of a light green color and are much superior to any other variety that can be cropped at that time. It will stay longer without going to seed than any others, thus being all profit and no loss to the grower. Oz., 20c.; ¼ lb., 60c.; \$1.75 lb.

***Spotted Dutch Butter (Private Strain).** A very early lettuce, may also be used as a second crop; its appearance, if nothing else, sells it. The outer leaves are slightly tinged with brown on the edges, towards the centre they are light green, with a golden yellow heart. Oz., 15c.; 40c. ¼ lb.; \$1.25 lb.

Wayahead. A variety of great merit, very early, suited for spring sowing under glass or for outdoor. 15c. oz.; ¼ lb., 40c.; \$1.25 per lb.

Unrivalled. Similar to Big Boston. 15c. oz.; ¼ lb., 40c.; \$1.25 per lb.

Wonderful, or New York. Splendid midsummer and late autumn sort, large curled leaf; heads. 15c. oz.; ¼ lb., 40c.; \$1.25 lb.

LOOSE OR CURLED LEAVED VARIETIES

Early Curled Simpson. Very much like the Black Seeded Simpson, but is much earlier. 15c. oz.; ¼ lb., 40c.; \$1.25 lb.

Grand Rapids (Special Strain). A variety used by many for forcing under glass, it is loose-leaved; very fine and brittle. Oz., 15c.; 40c. ¼ lb.; \$1.25 lb.

Silesian. Ideal for a cutting lettuce, very early and lasts a long while, does not head. 15c. oz.; ¼ lb., 40c.; \$1.25 lb.

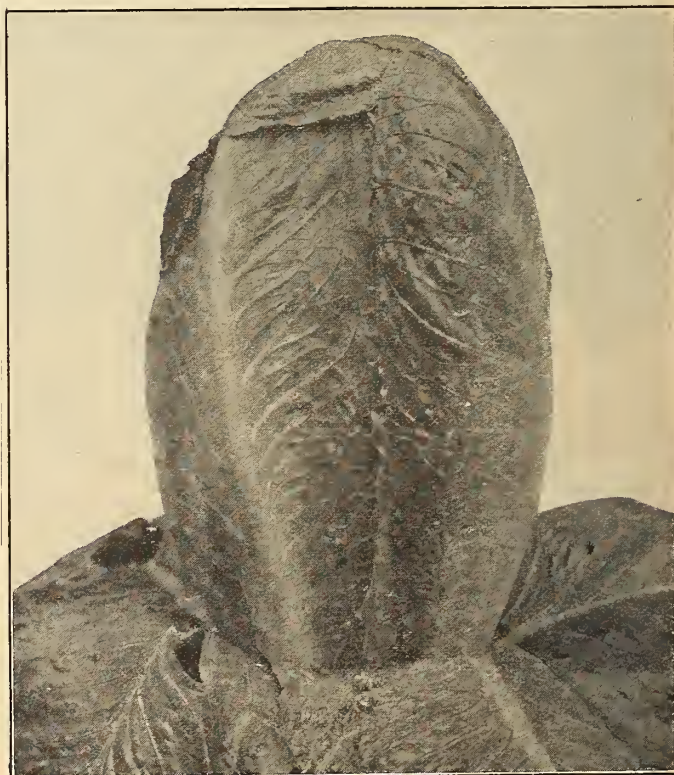
COS ROMAINE OR CELERY LETTUCE

Kingsholm Cos. Tall upright growth, fine heads, this sells readily to hotel trade, must be tied to blanch. 15c. oz.; ¼ lb., 45c.; \$1.50 lb.

Trianon Self Folding. Similar to the Kingsholm, but does not require tying to blanch. Oz., 15c.; 40c. ¼ lb.; lb., \$1.25.

LETTUCE PLANTS

Leading Heading Varieties. Per 100, 40c.; \$3.50 per 1000.



Lettuce Trianon Cos

All Prices subject to change

Brandywine Pure Culture Spawn

This type produces heavy, short-stemmed mushrooms of uniform size. The bricks are inoculated with Pure Spawn culture in the same manner as the "Lambert" strain. This is a comparatively new strain, originating in the section of Pennsylvania that grows probably the bulk of mushrooms produced in that State.

1 Brick	\$0.30
12 Bricks	2.50
25 Bricks	5.50
50 Bricks	10.00
100 Bricks	18.00
1000 Bricks	167.50

Lambert's Pure Culture Spawn

This type produces larger mushrooms than the English, coming into bearing somewhat earlier and continuing a long time.

Direct No. 8 Cream White. Does best from April to October.

Direct No. 9 Pure White Type. Does best from October to April.

Prices of Direct Bricks (Either No. 8 or No. 9)

Per brick.....	\$0.25	50 Bricks.....	\$8.50
12 Bricks.....	2.25	100 Bricks.....	16.00
25 Bricks.....	4.50	1000 Bricks.....	150.00

We have discontinued handling the English strain on account of lack of demand. Also we have discontinued handling the "Standard" bricks of Lambert's Pure Culture Spawn, as our customers report the "Direct" bricks far superior.

Testimonial on Michell's Mushroom Spawn

Last fall I purchased Mushroom Spawn from you and the results are simply wonderful. The beds were one solid mass of mushrooms, and they were the curiosity of the town, as people came from all over to see them.

Punxsutawney, Pa. (Signed) E. J. BAKER.

Parsley

*Covent Garden or Double Curled.

This is the best variety for the market gardener, as it produces intensely curled leaves of good size of a rich green color, with long stems, which makes it easy to bunch. Oz., 15c., 30c. ¼ lb.; lb., \$1.00 (5 lbs., \$4.50).

*Champion Moss Curled. Densely curled, light green, long stemmed. Oz., 10c.; 30c. ¼ lb.; lb., 85c.

*Hamburg or Rooted. A favorite among the foreign people who cook the root. Oz., 10c.; 30c. ¼ lb.; lb., \$1.00.

Parsley Plants

Pot Grown. 50c. doz.; per 100, \$4.00.



OSHAWA, ONT.

Your name I have found connected with what seems the best strains of vegetable seeds tried at the Pennsylvania State College. I want to put in an acre of Tomatoes "Earliana." Please send me enough seed for 4000 plants.

W. M. AIKENHEAD.



Mushroom or Hot Bed Thermometers

Heavy Iron Point style..\$1.00 | Heavy Brass Point style..\$1.50

OKRA OR GUMBO

*Perkin's Long Pod. A very dwarf prolific variety, the pods are long and dark green. Oz., 10c.; 25c. ¼ lb.; lb., 75c.

Dwarf Green. Exceedingly productive, dark green pods, somewhat taller than Perkin's. Oz., 8c.; 20c. ¼ lb.; lb., 50c.

White Velvet or Creole. Oz., 8c.; 20c. ¼ lb.; lb., 50c.

PARSNIP

*Sugar, or Hollow Crown. Very thick, broad shouldered variety, pure white roots of large size. Oz., 20c.; 60c. ¼ lb.; lb., \$2.00.

PEANUTS (Seed)

Qt., 25c.; 80c. for 4 qts.

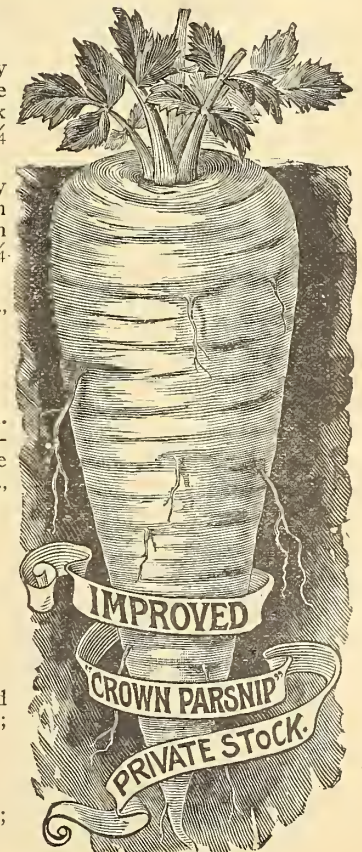
MINT

20c. per pkt. (3 pkts., 50c.).

Mint Plants. Spearmint and Peppermint. \$1.00 doz.; \$7.00 per 100.

MUSTARD

White or Yellow. 10c. oz.; ¼ lb., 30c.; \$1.00 lb.



*Varieties are especially Suited to Market Gardeners. Prices on Seed only include postage charges.

(ht)

*Varieties are suited to market gardeners' needs. Prices of seeds only on this page include postage charges.



DOROTHY, N. J.

I am sending you by express a few of your Michell's "Delicious" melons. I think they are very fine indeed.

H. K. Lewis.

MUSK MELON or CANTALOUPE

- ***Burrel Gem.** In shape similar to Rockyford, but with rich orange meat, an excellent shipper, an ideal melon for the market gardener. Oz., 10c.; 30c. $\frac{1}{4}$ lb.; lb., \$1.00.
- Delicious (Gold Lined).** Delicious, flesh thick, fine grained and sweet; color green, with a gold margin; heavily netted. 15c. oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 lb.
- Eden Gem.** An improved Jenny Lind. 10c. oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 lb.
- ***Emerald Gem.** A leading variety with rich salmon flesh, very sweet and prolific. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.
- Extra Early Hackensack.** Of Turk's Cap form, being very early, netted and deeply ribbed, flesh light green. Oz., 10c.; 30c. $\frac{1}{4}$ lb.; lb., \$1.00.
- ***Fordhook.** An improved Emerald Gem, salmon-orange flesh, large flat fruit. Oz., 10c.; 30c. $\frac{1}{4}$ lb.; lb., \$1.00.
- Honey Dew.** Matures late, large in size; the thick flesh is green and of a delicious flavor. The ripe melons can be kept for several weeks before using. In fact, they can be placed in cold storage and kept until Christmas. 20c. oz.; $\frac{1}{4}$ lb., 70c.; \$2.50 lb.
- ***Jenny Lind.** Small but very early, planted for the first picking, green flesh. Oz., 10c.; 30c. per $\frac{1}{4}$ lb.; lb., \$1.00.
- ***Michell's Strain Improved Rockyford Musk Melon.** (See cut.) This is a very fine market gardener's melon, rich green flesh with very small seed cavity. Oz., 10c.; 30c. $\frac{1}{4}$ lb.; lb., \$1.00.
- Michell's Delicious.** Very large with silver grey smooth skin, flesh deep salmon; fine for hotel trade. (Pkt., 10c.) 50c. oz.; $\frac{1}{4}$ lb., \$1.50; \$5.00 per lb.

FORCING MELONS

Invincible Scarlet, Blenheim Orange, Windsor, Sutton's A1. Each, per pkt., 20c., except Sutton's A1, which is 45c. pkt.

POTATOES (Maine Grown)

Beauty of Hebron, Early Rose (Maine Grown), Michell's "Beats Them All" (Ex. Early), State of Maine, Irish Cobbler, White Rose, Bliss Triumph Bovee, Early Ohio, Green Mountain, Noroton Beauty, White Star. Prices vary according to market conditions. Orders will be executed at lowest prices or we will quote on request.

WATER MELON

- ***Cuban Queen.** Very similar in description to Dixie, except the melon is of mammoth size; it is very solid and good for shipping. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; 85c. per lb.
- ***Dixie.** One of the old-time favorites, roundish-long in shape. The skin is dark green, mottled light; the flesh is very sweet and ripens close to the rind. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; 85c. per lb.
- ***Halbert Honey.** An ideal melon. The long fruits with blunt ends are very large and weigh often 50 lbs.; the rind is very thin, dark green while the flesh is a rich crimson. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; 85c. per lb.
- ***Kleckley Sweets.** Not a shipping variety, as the rind sets too close to the ripe, fluffy, rich red meat. The melons average about 20 inches long and ripen quite early. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; 85c. per lb.
- ***Mountain Sweet.** Early and very large, oblong shape, rind dark green; flesh red, solid and sweet. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; 85c. per lb.
- ***Tom Watson.** A very dark green fruit, frequently 2 feet long and 12 inches in diameter. The very dark green rind is a contrast to the bright scarlet flesh which, by the way, is of splendid texture and flavor. Nothing can touch it in the melon line for shipping qualities, the rind being tough it will resist plenty of abuse. 10c. oz.; $\frac{1}{4}$ lb., 30c.; 85c. lb.

PRESERVING CITRON OR MELON

Red Seeded. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; 85c. per lb.

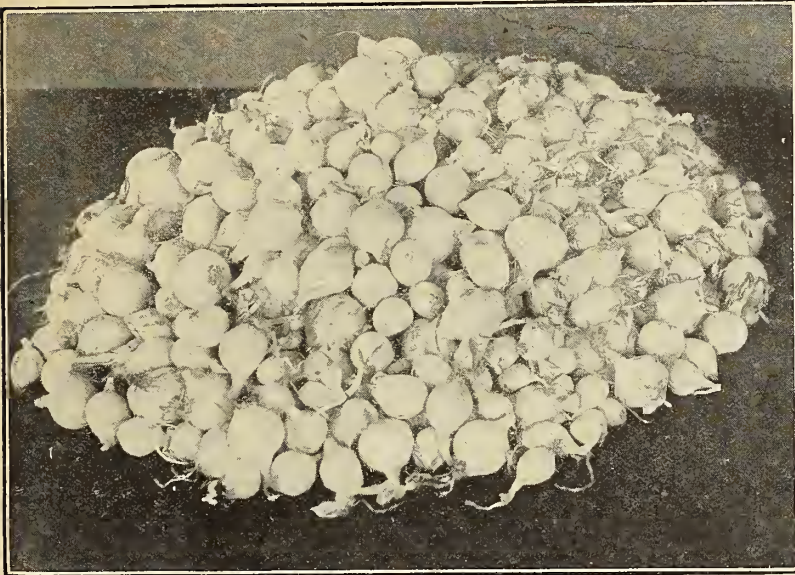
SWEET POTATO PLANTS (Ready in May)

Yellow and Red Nansemond. 50c. per 100; per 1000, \$4.00. Special price in large lots.

NOTE—Prices of all seeds on this page (except onion sets) include postage charges

CHOICE ONION SEED

The crop of Onion Seed is again one of the smallest in many years. We recommend early ordering.



Choice Onion Sets always find a ready market

Ailsa Craig. The largest of all onions, often weighing 3 lbs. and over each. In England it is the foremost variety and will be seen there on exhibition during all vegetable shows. It is globe-shaped, slightly pointed at the top and base; the color is a beautiful straw yellow. Crop failed, as far as we know at the time of compiling this catalog.

Bermuda White. An early variety, producing gigantic onions. Oz., 30c.; \$1.00 ¼ lb.; lb., \$3.75.

***Danver's Yellow Globe.** This almost round in shape onion is extensively sown by the private and market gardener on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to large size. Oz., 35c.; \$1.25 per ¼ lb.; lb., \$4.50.

Prizetaker. This mammoth yellow variety, if sown thinly, produces full size onions in one season from seed, rivaling with the Bermuda varieties for size and flavor, often weighing 3 lbs. and more. Oz., 40c.; \$1.25 per ¼ lb.; lb., \$4.75.

Giant Spanish or Gibraltar. This variety is almost globe-shaped and a big cropper. The skin is of light straw color; flesh white, tender and mild. (Crop failed.)

Large Red Wethersfield. A flat large growing variety. This class are excellent winter keepers, being flavored much like the yellow sorts; full size onions can be grown from the seed in one season. Oz., 30c.; ¼ lb., \$1.00; \$3.75 lb.

***Southport White Globe.** A beautiful type of an almost round onion, growing to enormous size. Our stock of this is unusually fine. 50c. oz.; ¼ lb., \$1.75; \$6.50 lb.

Southport Yellow Globe. Similar to the Danvers, except larger in size, more like the Prizetaker. This is probably one of the most uniform growing varieties, every bulb being almost perfectly round and of the same size; light colored skin. Oz., 40c.; \$1.25 per ¼ lb.; lb., \$4.75.

White Barletta. Extra early small round variety raised principally for pickling. Oz., 50c.; ¼ lb., \$1.50; \$5.75 lb.

***White or Silver Skin.** The standard white onion for market or home use, it is of very mild flavor, semi-globe shaped and is very uniform in growth and size. 50c. per oz.; ¼ lb., \$1.50; \$5.00 lb.

Winter Keeper. A new round yellow variety of exceptional keeping qualities. 50c. oz.; ¼ lb., \$1.50; \$5.00 lb.

***Yellow Strasburg (or Dutch).** A dark straw color skinned sort, almost flat in shape, but a large onion. For a yellow sort it is rather mildly flavored; for growing sets more of this variety is sold than any other; one of the best winter keepers. Oz., 35c.; ¼ lb., \$1.10; \$4.00 lb.

PUMPKIN

Cashaw or Golden Crook Neck. A very meaty sort; suitable for pie or stock feeding purposes; flesh golden yellow and very tender. Per oz., 15c.; 40c. per ¼ lb.; lb., \$1.50.

Connecticut or Common Field. Flesh coarse and suitable only for stock feeding; color light yellow. 8c. per oz.; ¼ lb., 25c.; 85c. per lb.

Japanese Pie. A crook-necked variety, deep green striped darker, which turns to a rich golden yellow. Per oz., 15c.; ¼ lb., 40c.; \$1.50 lb.

***Large Cheese.** A very large flat, ribbed fruit, of a beautiful buff yellow color. 15c. oz.; ¼ lb., 40c.; \$1.25 lb.

***Large Tours or Mammoth.** The biggest pumpkin in cultivation, producing fruits that often weigh 200 lbs. When fully ripened it is of a golden orange. Oz., 15c.; 40c. per ¼ lb.; lb., \$1.50.

Tennessee Sweet Potato. An oblong-shaped, medium-sized fruit with a very light buff yellow skin; for pies it is delicious. 15c. oz.; ¼ lb., 40c.; lb., \$1.50.

Winter Luxury. Of very round and symmetrical shape. The skin is a russet yellow, the flesh is golden orange when ripe. Oz., 15c.; 40c. per ¼ lb.; lb., \$1.50.

HOME GROWN ONION SETS, Etc.

Shipped on Local Orders about March 10th, unless otherwise requested

We give 32 lbs. per bushel.

Potato Onion	Qt.	\$0.30
Red .....		.25
Shallots .....		.30
Tree or Top. (Can be supplied in Sept. and Oct.)		
Yellow .....		.20
White .....		.25
White Multiplier .....		.30
Garlic Sets. Per lb., 35c.; 5 lbs. for \$1.50.		

Prices vary constantly. Orders will be executed at market quotations or special prices will be quoted on request.

Prices on Onion Sets are subject to change



Prizetaker Onion

MICHELL'S CHOICE GARDEN PEAS

If Peas are desired by mail please allow 15c. per qt. for postage.
VARIETIES marked * are especially recommended for market gardeners' use.

Peas are in especially short supply again, and we have not quoted prices on greater quantities than 1 qt.; we will be pleased, however, to submit prices for larger quantities, though our customers may rely on our past record to give them every advantage in price.

EXTRA EARLY VARIETIES

- Alaska.** Smooth seeded, very early, height 2½ feet. 30c. pt.; qt., 55c.
Ameer. A very large podded early pea, following the Alaska. It is a heavy cropper. 30c. pt.; qt., 55c.
American Wonder. The earliest wrinkled dwarf variety, exceedingly sweet; height, 10 to 12 inches. 25c. pt.; qt., 50c.
Bountiful. The pods are very large and well filled; it is very early, a good cropper. 25c. pt.; qt., 50c.
Dandy Extra Early. These are a selection of the Eureka; smooth seeded, very prolific. 25c. pt.; qt., 50c.
Early June. A green-seeded, smooth pea, desirable for first planting, an improvement on Alaska; height, 2½ feet. 30c. pt.; qt., 55c.
Early Morn. One of the earliest of wrinkled peas, earlier and better it is claimed than Gradus or Thos. Laxton. The pods are large and well filled, matures in 60 days and is very prolific. 30c. pt.; qt., 55c.
Eureka. A great producer and extremely early, smooth-seeded; height, 24 inches. 25c. pt.; qt., 45c.
Gradus, or Prosperity. Exceedingly luscious, wrinkled and a producer of gigantic pods and peas; height, 36 inches. 30c. pt.; qt., 60c.
Laxtonian. An extra early marrowfat type, growing 12 inches high, very prolific. 35c. pt.; qt., 65c.
Little Marvel. Dwarf wrinkled variety, very sweet and prolific. 15 to 18 inches high. 20c. pt.; qt., 40c.
McLean's Little Gem (or Premium Gem). Similar to American Wonder, but a heavier producer, wrinkled seed; height, 18 inches. 25c. pt.; qt., 50c.
Michell's Special Extra Early. Extremely early, lusciously sweet and very tender; a grand yielder; height, 24 inches. 25c. pt.; qt., 50c.
Nott's Excelsior. One of the leading varieties for the market garden. Height, 15 inches. 25c. pt.; qt., 50c.
Sutton's Excelsior. It is dwarf, growing about 16 inches and makes a long, broad pod, well filled. 30c. pt.; qt., 55c.

The Pilot or Leader. Smooth seeded; extra early. The pods and peas are nearly as large as those of Gradus, and are produced about 3 days earlier. They can be planted much earlier than Gradus. 3 feet. 25c. pt.; qt., 50c.

Thos. Laxton. On a par with Gradus in quality, heavy producer. 30c. pt.; 55c. qt.

SECOND EARLY VARIETIES

Bliss Abundance. Large pods containing six and even more peas of a delicious flavor. 30c. pt.; qt., 55c.

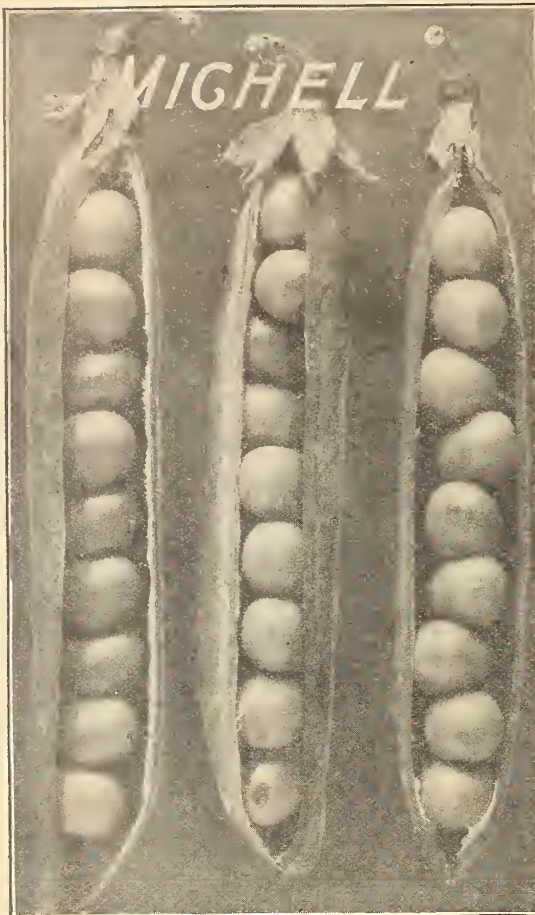
Daisy, or Dwarf Telephone. One of the best medium early sorts, bearing heavy pods in the greatest abundance. 35c. pt.; qt., 65c.

Harvester. A great producer under trying conditions. 18 inches high, very sweet, wrinkled. 25c. pt.; qt., 50c.

Heroine. A fine, wrinkled variety; height, 2 feet; a great cropper. 30c. pt.; qt., 55c.

Long Island Mammoth. Largely in use among market gardeners; it yields handsome, large peas. 25c. pt.; qt., 50c.

Potlatch. A grand variety similar to Daisy, very sweet. 30c. pt.; qt., 60c.



Michell's Tall Telephone Peas

GENERAL OR LATER CROP VARIETIES

Champion of England. A very tall, rank grower, but a wonderful yielder of delicious quality peas; seed wrinkled; height, 5 feet. 30c. pt.; qt., 55c.

Dwarf Champion. Possesses most all the good qualities of the famous Champion of England, and having the further advantage of being dwarf; a very delicious pea, which should be planted largely; height, 2 feet. 30c. pt.; 55c. qt.

Telephone (Tall). The finest late wrinkled pea grown; exceedingly sweet; an abundant producer; height, 3½ feet. 30c. pt.; 55c. qt.

SUGAR OR EDIBLE POD VARIETIES

This type produces large, well-filled pods. The latter are cooked with the peas intact. They are very tender and exceedingly sweet.

Dwarf Sugar. Gray seed; height, 2 feet. 30c. pt.; qt., 60c.

Melting Sugar. White seed; height, 4 feet. 30c. pt.; qt., 60c.

MICHELL'S SEEDS ARE PRIZE WINNERS

BAR HARBOR, ME.

For the third year in succession I have won the silver cup offered by our horticultural society for the best display of vegetables. They were all grown from your seeds.

WM. McGRANAGHAN.

IDLEWOOD, N. J.

The Telephone Peas purchased from you last spring are the best I have ever seen. My patch of these is a great show. I made my first picking June 21st.

MAX LANDGRAF.

*Varieties for market gardeners. Prices of seed on this page include postage

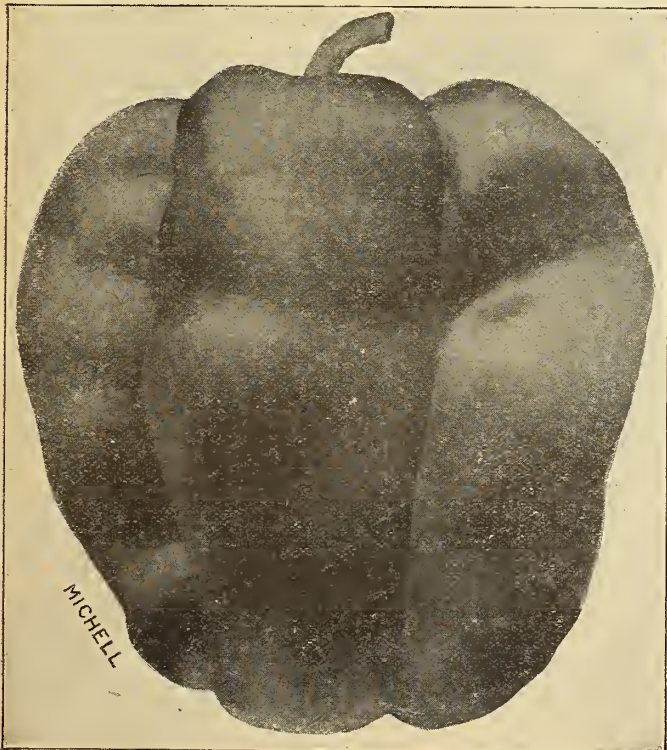
PEPPER Choice Seed, New Jersey Grown

The crop of this is unusually short this season.

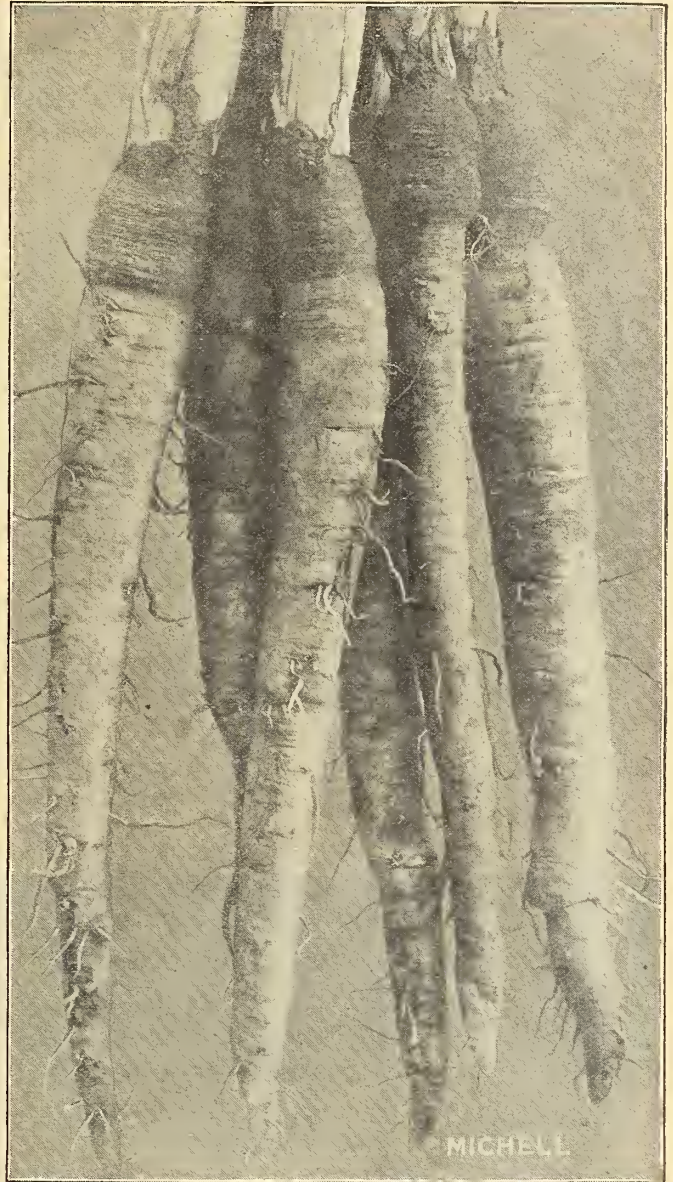
- ***Cayenne.** A long red variety, very hot and used principally for bunching with pot herbs. 40c. oz.; ¼ lb., \$1.50; \$6.00 lb.
- Celestial.** A Chinese variety bearing roundish upright pods of various colors on one bush. 25c. oz.; ¼ lb., 75c.
- ***Chinese Giant.** This is a real monster pepper, perfectly sweet, the fruit is green turning to bright scarlet, matures very late, a very shy seeder. One of the best for market. 60c. oz.; ¼ lb., \$2.25; \$8.50 lb.
- Ruby Giant (New).** Very large; adapted for stuffing; mild flavor. 50c. oz.; ¼ lb., \$1.75; \$6.75 per lb.
- Golden Dawn.** A large yellow variety, shaped like the Chinese Giant, very sweet. 25c. oz.; ¼ lb., 75c.
- Hot Bull Nose.** This variety is identical, except flavor, with the Sweet sort bearing the same name. 50c. oz.; ¼ lb., \$1.75; \$6.75 per lb.
- Large Sweet Spanish.** A variety rivaling with Chinese Giant, is, however, not as large. Color and shape very similar, also late in maturing. 25c. oz.; ¼ lb., 75c.
- New Apple Pepper.** A variety of novel appearance, having the form of an apple standing upright on the plant; first green, it afterwards turns a brilliant red, very mild in flavor. For prolificness nothing can surpass it, beginning very early it continues to bear until killed by frost; about 3 inches in diameter. 20c. per ½ oz.; oz., 40c.; \$1.75 per ¼ lb.; per lb., \$6.50.
- Pimiento.** A sweet species without any trace of fieriness; very compact in growth; smooth, attractive fruits; when fully ripe they are red, but they can be used green. Oz., 50c.; \$1.75 per ¼ lb.
- Red Cherry.** A small upright growing sort; very hot in flavor. 25c. oz.; ¼ lb., 75c.
- Ruby King.** A large red variety resembling Bull Nose. 50c. oz.; ¼ lb., \$1.75; \$6.50 per lb.
- Small Chili.** Used principally for seasoning and making sauce; the small, red pods are very hot. 25c. oz.; ¼ lb., 75c.
- ***Large Bell or Bull Nose.** The standard pepper for market; a great producer. 50c. oz.; ¼ lb., \$1.75; \$6.50 lb.

PEPPER PLANTS Doz. 100 1000

Hotbed Grown Bull Nose and Cayenne.....	\$0.20	\$1.25	\$9.00
Hot Grown Bull Nose .....	.50	4.00	35.00



Chinese Giant Pepper



Mammoth Sandwich Island Salsify

SALSIFY (Oyster Plant)

***Mammoth Sandwich Island.** This variety is of an enormous size, twice as large as the ordinary French; pure white, very tender and delicious. Oz., 20c.; 75c. ¼ lb.; lb., \$2.75.

HICKOX, GA.

Seeds arrived O. K. Thanks for your courteous handling of my order. A prospective customer I had in mind for you bought elsewhere; his seeds arrived at the time yours did, so we are off in a race for supremacy. Michell's seeds are already, at the start, far in the lead.
H. J. McGEE.

ROSEMARY	Oz.	¼ lb.
	\$0.35	\$1.25

RHUBARB	Oz.	¼ Lb.	Lb.
Linnaeus	\$0.10	\$0.30	\$1.00
Victoria .....	.10	.30	1.00

RHUBARB ROOTS	Doz.	100	1000
Large Size	\$0.75	\$5.00	\$40.00
Giant Size for forcing	1.75	12.00	100.00

SORREL French Broad Leaved, oz., 15c.; 50c. ¼ lb.; lb., \$1.75

MICHELL'S CHOICE RADISH SEED

*Varieties for market gardeners. Prices on this page are postpaid.

EARLY SORTS

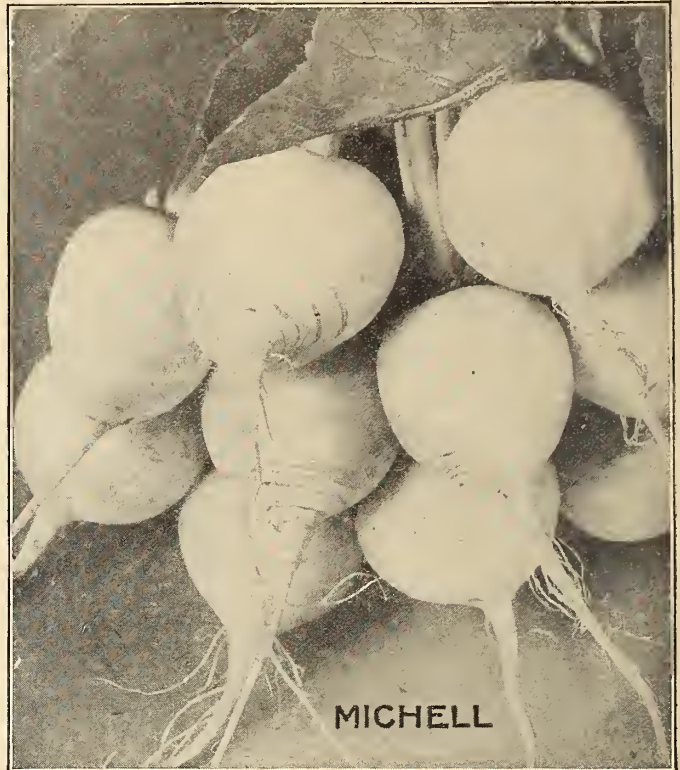
- ***Cardinal or Scarlet Globe.** The very best forcing variety, is of globular shape and brilliant cardinal red color. 15c. oz.; $\frac{1}{4}$ lb., 55c.; \$2.00 per lb.
- ***Cardinal Globe (Improved Strain).** This popular radish will be welcome readily in an improved form, the color and shape are perfect. The leading variety for the market gardener and one of which we sell in very large quantities. The seed of this is harvested from transplanted roots, which have been especially selected as to color and shape. 20c. oz.; $\frac{1}{4}$ lb., 60c.; \$2.25 per lb.
- ***Crimson Giant.** Turnip shaped; very large and tender. Oz., 12c.; $\frac{1}{4}$ lb., 40c.; \$1.50 per lb.
- ***Early French Breakfast.** Oblong shape, rapid grower, of a beautiful scarlet color, tipped white. 15c. oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.
- ***icle.** A magnificent white variety of fine taste, grows $3\frac{1}{2}$ to 4 in. long in 22 days. Also suitable for summer. Oz., 15c.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.
- ***Long Scarlet Short Top or Salmon.** The standard variety; long bright scarlet with small short top. Oz., 15c.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.
- ***Round Red Forcing or Button.** Very quick in maturing, very short top. 15c. oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.
- ***Scarlet Turnip White Tipped.** Bright red, white root. Oz., 15c.; 50c. per $\frac{1}{4}$ lb.; lb., \$1.75.
- ***White Box, Felton's.** (Private stock.) A selection of the old reliable White Box radish, more perfect in form, producing shorter tops, and does not have a tendency to grow long in shape. 15c. oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 lb.



MicHELL's Private Stock Cardinal Globe Radish

THE RADISH SEED CROP

This is usually an abundant one, but the past year was an exception; the supply is very short, and unfortunately higher prices rule, and in addition thereto we advise all who sow this crop to get their supply at once.



Felton's Stock White Box Radish

SUMMER AND WINTER VARIETIES

- ***California White Winter.** Grows 8 to 10 inches long. One of the best for winter. Oz., 15c.; $\frac{1}{4}$ lb., 40c.; \$1.50 per lb.
- ***Celestial or White Chinese.** Large size. Pure white, excellent keeper. Oz., 15c.; $\frac{1}{4}$ lb., 40c.; \$1.50 per lb.
- ***China Rose.** Bright rose color; flesh firm. One of the best for winter use. Half long in shape with scarlet blunt tip. Fine variety for market gardeners. 15c. oz.; $\frac{1}{4}$ lb., 40c.; \$1.50 per lb.
- ***Half Long Black.** A great improvement on the old Long Spanish Radish. Oz., 15c.; $\frac{1}{4}$ lb., 40c.; \$1.50 per lb.
- ***Long Black Spanish.** A favorite among winter sorts. Oz., 15c.; $\frac{1}{4}$ lb., 40c.; \$1.50 per lb.
- ***Round Black Spanish.** Like the above except in form. Oz., 15c.; $\frac{1}{4}$ lb., 40c.; \$1.50 per lb.
- ***White Strasburg.** Oblong of a pure white color, and mild flavor. This is one of the standard half long varieties for the market gardener. Oz., 15c.; $\frac{1}{4}$ lb., 40c.; \$1.50 per lb.

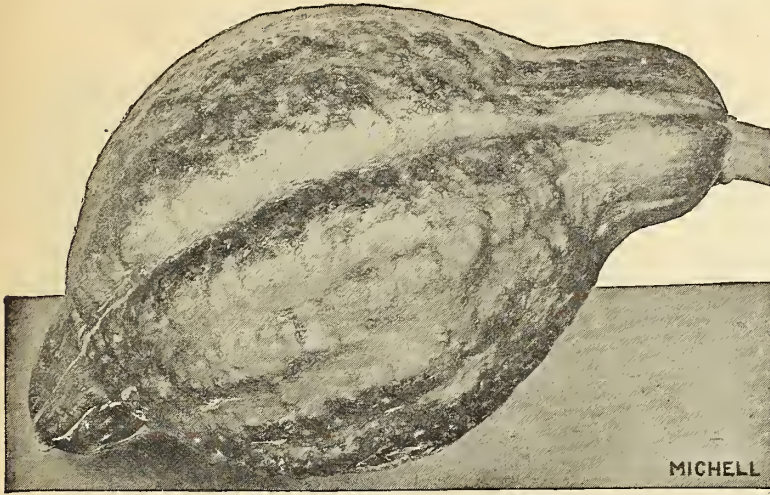
TESTIMONIALS

Yorktown Heights, N. Y.
 Michell's **Ideal Beet** did splendidly for me this season. It surpasses its parents, **Detroit** and **Gregory's Eclipse**. **Ideal Beet** will without a doubt be speedily recognized as a standard variety.
 W. E. VAIL.

Cabin Hill, Greensburg, Pa.

October 3, 1916.

I am pleased to say that I took first prize for the biggest and best display of Vegetables; also first prize for biggest and best display of Cut Flowers—all from your seed.
 (Signed) JOHN FURSEY,
 Gardener to Mrs. Geo. F. Huff.



Golden Hubbard Squash

Prices on this page for lb. lots and less include postage charges.

SQUASH
SUMMER VARIETIES

Golden Custard. A flat scalloped type, like the White Bush; the skin is of a light yellow color, which is very thin, leaving plenty of meat in the centre; a bush or compact growing kind. Oz., 10c.; 35c. ¼ lb.; lb., \$1.00.

***Mammoth White Bush.** Of round scalloped form with an ivory white skin. This variety has an abundance of meat of very fine flavor. It is one of the earliest to mature and is very prolific, bearing continually until killed by frost. Comes in market earlier than any other. Oz., 10c.; 35c. ¼ lb.; lb., \$1.00.

Yellow Summer Crook Neck. Shaped like a club with a bent neck. The skin is very rough and warted, of an orange yellow color. Much preferred by the cook on account of its very dry meat when boiled. This is a running variety. Oz., 10c.; 35c. ¼ lb.; lb., \$1.00.

FALL AND WINTER SQUASH (Running Sorts)

***Delicious.** It has the finest flavor of any squash, of oblong shape with a deep green skin and thin rind, with a seed cavity so small that it almost meets in the centre. One of the best winter keepers; grown extensively for market; when matured it weighs from 5 to 10 lbs. and is in its prime during the early winter. Oz., 10c.; 35c. ¼ lb.; lb., \$1.00.

***Golden Hubbard.** Used extensively for pie, and served as a vegetable; it is very dry and delicious. The outside is a deep orange red, while the flesh is very tender. An ideal winter market squash. Oz., 15c.; 50c. ¼ lb.; lb., \$1.50.

Boston Marrow. Shaped similar to Hubbard, golden orange; fine for canning for winter use; cooked as a vegetable or in pie. Oz., 10c.; 35c. per ¼ lb.; lb., \$1.00.

Vegetable Marrow. A long greenish white variety; fine for cooking; very sweet and tender. This is the favorite squash with the English people. Oz., 15c.; 40c. per ¼ lb.; lb., \$1.25.

SPINACH

Bloomsdale Round-Seeded Savoy (Improved Strain). The hardiest Savoy leaved variety; curled and crimped, thick, fleshy leaves; the best for early spring and fall sowing. 15c. oz.; ¼ lb., 55c.; \$2.00 lb.

Long Season. A cross between the old reliable Bloomsdale and the Victoria. It produces tremendously large plants and leaves which are strong and robust. It will resist heat better without shooting to seed than any variety yet introduced. The leaves are somewhat curled, and are tender. Color, a beautiful dark green. 15c. oz.; ¼ lb., 55c.; \$2.00 lb.

New Zealand. This variety endures heat and drought; excellent for summer use; the leaves are small and thick. It is an enormous yielder; growing upright, one sowing can be picked from the entire summer, a very distinct variety. This variety is not used much by market gardeners, but if once introduced by them would find a ready sale; it insures a supply of spinach all season regardless of heat. Oz., 15c.; 55c. per ¼ lb.; lb., \$2.00.

SPECIAL NOTE REGARDS SPINACH PRICES

The district in Europe from whence most spinach seed is received has again forbidden its export except in limited quantity, and even at that abnormal prices are ruling, due to the high price the seedsman must pay to get his supply. Price for larger lots than offered here will be quoted on application.

SWISS CHARD

To our knowledge market gardeners as a rule do not grow this, and yet we find that among our general customers there is a great demand for it. It can be cut all summer, as it does not go to seed.

	Oz.	¼ lb.	Lb.
Giant Lucullus	\$0.20	\$0.65	\$2.25
Silver Leaved .....	.15	.50	1.80

PENNYROYAL PLANTS \$1.00 doz.; 100, \$7.50

PENNYROYAL SEED ½ oz., 40c.; 75c. per oz.

ROSEMARY PLANTS \$1.50 doz.; 100, \$10.00.

	Oz.	¼ Lb.
ROSEMARY SEED	\$0.20	\$0.75

SAFFRON15	.40
----------------------	-----	-----

SAGE20	.65
-------------------	-----	-----

SAGE PLANTS \$1.00 doz.; 100, \$7.00.

	Oz.	¼ lb.	Lb.
SAVORY (Summer)	\$0.20	\$0.65	\$2.25
SAVORY (Winter) .....	.30	1.00	

SAVORY PLANTS (Winter) \$2.00 doz.; 100, \$12.00

	Oz.	¼ lb.	Lb.
SWEET BASIL	\$0.15	\$0.50	\$1.75

SWEET MARJORAM (American) .30 1.10 4.00

SWEET MARJORAM (Imported) .20 .60 2.00

THYME (Broad Leaved) .35 1.00 3.75

THYME PLANTS \$1.00 doz.; 100, \$7.00.

TOBACCO SEED Leading sorts, 7c. per pkt.

TARRAGON PLANTS \$2.00 doz.; per 100, \$15.00.



Long Season Spinach

MICHELL'S CHOICE TOMATO SEEDS

*Varieties best for market gardeners. Prices on this page include postage charges



Michell's Private Stock Stone Tomato

EARLY VARIETIES

- ***Beauty.** One of the largest bright red tomatoes, solid and meaty, quite early. 15c. per ½ oz.; oz., 30c.; \$1.10 per ¼ lb.; lb., \$4.00.
- ***Bonny Best.** One of the best and most prolific of early tomatoes. The size is not so large but it is very solid and evenly formed. Color a beautiful bright red. 15c. ½ oz.; oz., 30c.; \$1.10 per ¼ lb.; lb., \$4.00.
- ***Early Jewel (Chalks).** A favorite variety with the market gardener. Color, a bright red; solid and a good shipper. 15c. ½ oz.; oz., 30c.; \$1.10 per ¼ lb.; lb., \$4.00.
- ***Earliana (Spark's).** The most prolific early tomato ever produced. Grows in clusters; medium in size; solid and most desirable. ½ oz., 15c.; 30c. oz.; ¼ lb., \$1.10; \$4.00 lb.
- ***June Pink.** One of the recent introductions in tomatoes. In habit it is very much like Earliana, but a beautiful pink color. Per ½ oz., 15c.; 30c. per oz.; per ¼ lb., \$1.10; \$4.00 lb.
- ***Michell's Crackerjack.** Two weeks earlier than any other sort tried in our gardens. A continuous early bearer, producing fruits right up till frost time. The most abundant tomato we know, absolutely smooth fruit; never cracks, except when overripe. All fruit is of even size, and every fruit can be used. Grows in clusters from 5 to 10 perfect tomatoes, of a brilliant rich scarlet. The firm flesh makes it an ideal shipper. ½ oz., 20c.; 40c. oz.; ¼ lb., \$1.25; \$4.50 lb.

FORCING VARIETIES

- For growing under glass or outdoors.
- ***Comet.** A cluster averages six tomatoes of medium size of the brightest red, ripening up to the stem. Continues in bearing long while. ½ oz., 20c.; 40c. oz.; ¼ lb., \$1.25; \$4.50 lb.
 - ***Fillbasket (Batch's).** A good forcer, medium size fruits. Our seed is grown from the original stock procured in Scotland. ½ oz., 20c.; 40c. oz.; ¼ lb., \$1.25.
 - ***Stirling Castle.** A splendid medium size variety. ½ oz., 20c.; 40c. oz.; ¼ lb., \$1.25.
 - ***Sutton's Best of All.** The fruit is medium sized, and of an intense red color, containing but few seeds, it is produced in clusters. 20c. ½ oz.; oz., 35c.; \$1.25 per ¼ lb.
 - ***Sutton's Eclipse.** A very smooth fruit, borne singly on plants which produce little foliage, a good point in a forcing tomato, vermilion red color. Orig. pkts., 45c.

LATER AND GENERAL CROP VARIETIES

- ***Dwarf Champion.** A distinct type, the plant looks like a miniature tree; very dwarf and compact; color of fruit bright red and very solid. 15c. per ½ oz.; oz., 30c.; \$1.10 per ¼ lb.; lb., \$4.00.
- ***Dwarf Giant.** A dwarf type of true Ponderosa, very meaty and of gigantic size, rich purple crimson, fine shipper. 15c. per ½ oz.; oz., 30c.; \$1.10 per ¼ lb.; lb., \$4.00.
- ***Dwarf Stone.** A compact growing plant, yielding a large crop of medium-sized solid tomatoes. Color, bright red. The plant is very distinct 15c. per ½ oz.; oz., 30c.; \$1.10 per ¼ lb.; lb., \$4.00.
- ***Golden Queen.** Large yellow. 10c. per ½ oz.; oz., 20c.; 60c. per ¼ lb.; lb., \$2.00.
- ***Greater Baltimore.** An excellent variety for canning or market use, very large and solid, of rich red color, uniform in size. 15c. per ½ oz.; oz., 30c.; \$1.10 per ¼ lb.; lb., \$4.00.
- ***Livingston's Globe.** Especially adapted to slicing; very solid; color a handsome red, and a great producer; one of the best general crop varieties. 15c. ½ oz.; oz., 30c.; \$1.00 ¼ lb.; lb., \$3.50.

- ***Matchless.** Large red fruit, general crop. 15c. per ½ oz.; oz., 30c.; \$1.10 per ¼ lb.; lb., \$4.00.
- ***Michell's Improved Globe.** One of the largest and heaviest tomatoes on our lists, the shape is rather oblong so that for slicing it cuts more from a fruit than any other variety; absolutely smooth, never cracks and colors right to the stem. 20c. per ½ oz.; oz., 40c.; \$1.10 per ¼ lb.; lb., \$4.00.
- ***Ponderosa.** The largest tomato in existence; a beautiful red color; heavy producer, and of even form. ½ oz., 20c.; 40c. per oz.; ¼ lb., \$1.40; \$5.00 per lb.
- ***Red Rock.** One of the most solid varieties, medium size and of a brilliant red color, a fine one for the market garden; medium early. 15c. per ½ oz.; oz., 30c.; \$1.10 per ¼ lb.; lb., \$4.00.
- ***Stone (Michell's Private Stock).** A very careful selection of the old favorite Stone. The fruits are larger, more even, and produced in greater abundance. One of the best tomatoes on the market. 20c. ½ oz.; oz., 40c.; \$1.25 ¼ lb.; lb., \$4.50.
- ***Stone (Usual Strain).** 15c. ½ oz.; oz., 30c.; \$1.10 ¼ lb.; lb., \$4.00.

SMALL FRUITED VARIETIES

Highly desirable for preserving, almost free from acid.

	½ Oz.	Oz.	¼ Lb.	Lb.
Red Cherry	\$0.10	\$0.20	\$0.70	\$2.50
Yellow Pear or Plum .....	.10	.20	.70	2.50
Strawberry or Husk .....	.10	.20	.70	2.50
Red Peach of peach form and color ..	.10	.20	.70	2.50

TOMATO PLANTS (Ready in April)

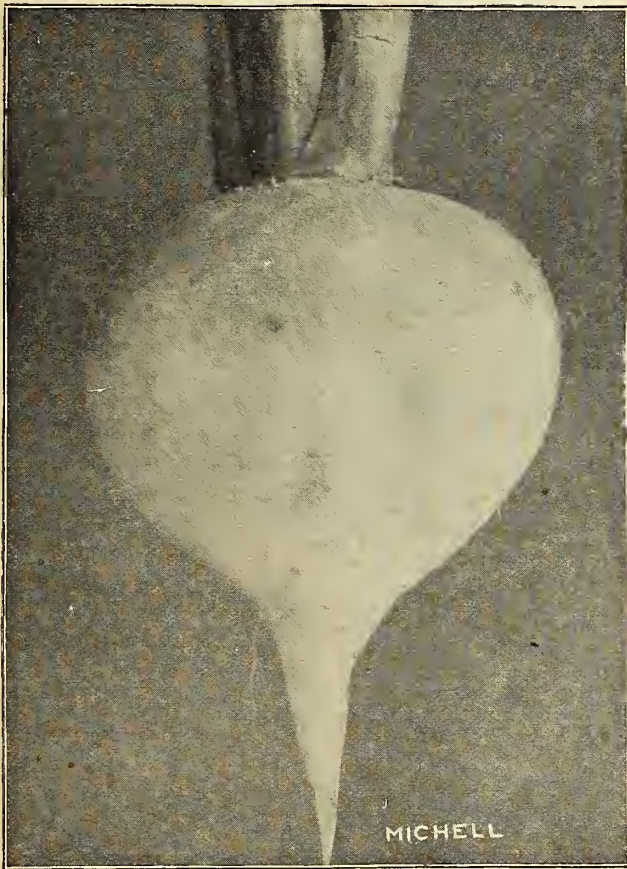
Hotbed Grown. In Stone, Earliana, Ponderosa, Dwarf Champion	100	100
Pot-Grown Crackerjack	\$0.20	\$1.00
Pot-Grown. These we can supply in the following sorts: Stone, Earliana, Dwarf Stone and Ponderosa .....	.60	4.50
	.50	4.00 35.00

Testimonial COTUIT, MASS.

Your seeds have proved more than satisfactory, in fact much better than some others I have had. The Tomato Crackerjack cannot be beat, and you cannot say too much for same.

EVERETT L. HOXIE.

*Varieties for Market Gardeners. Prices for lb. lots or less include postage charges



Private Strain Improved Purple Top White Globe Turnip

VEGETABLE PLANTS AND ROOTS, ETC., Continued

	Doz.	100	1000
Savory (Winter) Plants	\$2.00	\$12.00	
Sweet Potato Plants		.50	\$4.00
Tansy Plants	1.00	6.00	
Tarragon Plants. Pot grown	2.00	15.00	
Thyme Plants	1.00	7.00	
Tomato Plants. Hotbed grown	.20	1.00	7.50
“ “ Pot grown	.50	4.00	35.00

TURNIP

- Aberdeen.** A flat yellow variety, a good winter keeper. Oz., 15c.; 40c. ¼ lb.; lb., \$1.50.
- Cow Horn.** A long white variety used for soiling and stock feeding. Oz., 15c.; 45c. per ¼ lb.; lb., \$1.75.
- Early Purple Top Munich.** A flat variety, very early, white flesh. Oz., 15c.; 40c. per ¼ lb.; lb., \$1.50.
- Early White Flat Dutch.** A good variety for early spring sowing, matures quickly. Oz., 15c.; 40c. per ¼ lb.; lb., \$1.50.
- *Early Purple Top Flat.** The most popular variety in cultivation, a large yielder, well flavored. Oz., 15c.; 40c. per ¼ lb.; lb., \$1.50.
- *Purple Top White Globe.** A large perfect shaped sort, the skin is purple at top and white at bottom, very sweet. Oz., 15c.; 50c. per ¼ lb.; lb., \$1.75.
- *Purple Top White Globe (Private Stock).** This is a careful selection of the above variety, especially adapted for market gardens. Oz., 20c.; 60c. per ¼ lb.; lb., \$2.00.
- Snowball.** A pure white globe variety, very early. Oz., 15c.; 40c. per ¼ lb.; lb., \$1.50.
- *Yellow Globe or Amber.** Shaped like the Purple Top Globe, but the color is like that of a Yellow Ruta Baga. Oz., 15c.; 40c. per ¼ lb.; lb., \$1.50.

RUTA BAGA

- *Private Stock Purple Top Yellow.** This is the perfect ideal Ruta Baga. Top is purple, the bottom yellow. It brings a high price in the market on account of its shape. Oz., 20c.; 65c. ¼ lb.; lb., \$2.25.
- Improved Purple Top Yellow.** This variety is the same color as the above, except the shape is more oblong. It is very desirable for table use and stock feeding. Oz., 15c.; 55c. per ¼ lb.; lb., \$2.00.

WORMWOOD

A medicinal herb of great value. Perfectly hardy with slight protection. 25c. oz.; ¼ lb., 75c.

SEEDS of HERBS and FLAVORING PLANTS

Market gardeners and those who have a home trade will find a ready sale for herbs of different sorts.

	Pkt.	Oz.	¼ Lb.	Lb.
Anise		\$0.12	\$0.35	\$1.25
Balm	\$0.04	.20		
Borage		.15	.50	
Caraway		.10	.30	1.00
Catnip	.08	.30		
Chives	.08			
Coriander		.10	.35	1.00
Dill		.10	.30	1.00
Fennel		.15	.50	1.25
Horehound	.07	.25	.75	2.50
Hop. Green leaved	.08			
Lavender	.07	.15	.50	1.75
Mint	.20			
Pennyroyal	.08	.75		
Rosemary	.07	.35	1.25	
Saffron		.15	.40	
Sage		.20	.65	
Savory (Summer)		.20	.65	2.25
Sorrel. French Broad-leaved		.15	.50	1.75
Sweet Basil		.15	.50	1.75
Sweet Marjoram. American	.07	.30	1.10	4.00
“ Imported		.20	.60	2.00
Thyme	.07	.35	1.00	3.75
Winter Savory	.10	.30	1.00	
Wormwood		.25	.75	

VEGETABLE PLANTS AND ROOTS, ETC.

Artichoke Roots. 10c. qt.; peck, 65c.; \$2.50 per bushel.				
“ Plants. Doz., \$1.25; \$8.00 per 100.				
	2 YEAR OLD	3 YEAR OLD		
	100	1000	100	1000
Asparagus Roots. Palmetto or Eclipse	\$0.75	\$5.25	\$1.25	\$10.00
“ “ Barr's Mam.	.75	5.25	1.25	10.00
“ “ Conover's Colossal.	.75	5.25	1.25	10.00
“ “ Giant d'Argenteuil.	.75	5.25	1.25	10.00
	Per 100	Per 1000		
Brussels Sprouts	\$0.50	\$4.00		
Cabbage Plants. Early sorts from hotbeds	.40	3.50		
“ “ Early sorts from cold frames	.65	5.50		
“ “ Late sorts (ready in July)	.40	3.50		
	Doz.	100	1000	
Cauliflower Plants. Hotbed grown	\$0.20	\$1.25	\$8.00	
“ “ Pot grown	.50	4.00	37.50	
Celery Plants. Leading sorts		.40	3.50	
Chicory (Witloof). Roots	.60	4.00		
Chives	1.00	7.50		
Egg Plants. Hotbed grown		2.50	22.50	
“ “ Pot grown	.50	4.00	35.00	
Hop Vines. Pot grown	1.20	9.00		
Horse Radish Roots, Maliner Kren		.85	6.50	
“ “ Common		.60	5.00	
Lavender Plants	1.50	10.00		
Lettuce Plants. Heading sort		.40	3.50	
Mint Plants. Spearmint and Peppermint	1.00	7.00		
Parsley Plants. Pot grown	.50	4.00	35.00	
Pennyroyal Plants	1.00	7.50		
Pepper Plants. Hotbed grown	.20	1.25	9.00	
“ “ Pot grown	.50	4.00	35.00	
Rhubarb Roots. First size	.75	5.00	40.00	
“ “ Forcing size	1.75	12.00	100.00	
Rosemary Plants	1.50	10.00		
Sage Plants. Pot grown	1.00	7.00		

HAMLET, N. C.
Your garden seeds are all coming up splendid—the finest I have ever had, and the seed potatoes were great.
MRS. O. L. CLOUD.

Michell's Recleaned Grass Seeds (for all purposes)

Our connections with the best grass seed producers in America and Europe place us in a position of advantage for our supplies, chiefly because of the great volume of grass seeds we contract for. Some people have an idea that price is the only factor to consider in grass seed buying; while this has its place, it should be an afterthought. "Quality is paramount." We are always pleased to submit samples with prices for comparison, and let you be the judge. "Our prices and quality are right."

Grass Seed is easily the most important item on a fairway or putting green, and our house realizing this, for a number of years has made a specialty of catering to the grass seed wants of particular clubs.



A view on the course of the Merion Cricket Club, Haverford, Pa. Michell's Grass Seeds sown extensively

MIXTURES FOR LAWNS

	Qt.	4 Qts.	Peck	Bush.	100 lbs.
Michell's Clover Lawn Green Grass Seed Mixture. 30 lbs. per bushel. For sandy soils or for seashore lawns.....	\$0.45	\$1.50	\$2.75	\$10.50	\$32.50
Michell's Top Notch. 25 lbs. per bushel			1.75	6.25	23.00
Michell's Green Velvet. 20 lbs. per bushel .....	.25	.70	1.00	4.00	19.00
Michell's Evergreen. 20 lbs. per bushel. The standard Lawn Mixture .....	.20	.50	.85	3.25	15.75
Michell's Shaded Lawn Grass. Will produce perfect swards in shaded places .....	.25	.65	1.25	5.00	22.50
Fairmount Park Lawn Seed...	.12	.40	.60	2.25	13.50
Michell's Seashore Formula Grass Seed .....	.20	.60	1.00	4.00	19.00
Michell's Terrace or Embankment Grass Seed .....	.20	.60	1.00	4.00	19.00
Southern States Evergreen Lawn Grass Seed .....	.12	.40	.70	3.00	18.00
Special Sod Grass Seed. Produces a heavy sod.....	.20	.60	.85	3.00	18.00
Woodlands Lawn Mixture. 20 lbs. per bushel .....	.20	.60	1.00	4.00	19.50

MIXTURES FOR PLEASURE GROUNDS

	Qt.	4 qts.	Peck	Bush.	100lbs
Michell's Fair Greens Mixture. 20 lbs. per bushel.....	\$0.20	\$0.60	\$1.00	\$3.75	\$18.00
Michell's Putting Green Mixture. 25 lbs. per bushel.....	.25	.90	2.00	8.00	30.00
Michell's Teeing Grounds Mixture. 20 lbs. per bushel.....	.20	.50	.85	3.25	15.75
Michell's Lawn Tennis Grass Seeds. 20 lbs. per bushel.....	.20	.60	.85	3.25	16.00

MISCELLANEOUS MIXTURES

Michell's Permanent Pasture Grass Seed. Composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. Sow 3 to 4 bushels per acre on new land or 2 bushels on established pastures (20 lbs. per bushel). Prices: per qt., 15c.; 4 qts., 50c.; per peck, 85c.; per bushel, \$3.00; 100-lb. lots and over, 15½c. per lb.

NOTE—Since the color plate opposite was executed we have increased the weight per bushel on Permanent Pasture Grass Seed to 20 lbs., and price has been increased accordingly.

Michell's Permanent Hayfield Grass Seed. Sow 3 to 4 bushels per acre on new lands or 2 bushels on established fields (20 lbs. per bushel). Prices: per qt., 15c.; 4 qts., 50c.; per peck, 85c.; per bu., \$3.00; 100-lb. lots and over, 15½c. per lb.

Michell's Poultry Yard Grass Seed. (15 lbs. per bushel.) 15c. per qt.; 4 qts., 40c.; 60c. per peck; bushel, \$2.25; 100-lb. lots and over, 14c. per lb.

GRASSES IN SEPARATE VARIETIES

All Strictly Recleaned and Carefully Tested for Purity and Germination. Prices Subject to Market Changes.

Lbs. per bu.	Lb.	Bush.	100 lbs.
35 Bermuda Grass	\$0.50		
14 Blue Grass (Kentucky). Extra fancy, 3 to 5 bu. per acre (90c. per peck).....	.30	\$3.50	\$24.00
14 Blue Grass (Canadian). 3 to 5 bu. per acre .....	.22	2.25	14.00
20 Creeping Bent. 4 bu. per acre.....	Price on application		
21 Crested Dogtail. 3½ to 4 bu. per acre..	.45	8.50	37.50
24 English Rye (Pacey's Fancy Short Seeded). Fine for lawns. 3 bu. per acre .....	.16	3.00	12.00
14 Fine Leaved Fescue	Price on application		
10 Herd or Red Top. Unhulled, 4 to 5 bu. per acre .....	.15	1.25	11.00
12 Hard Fescue. 30 lbs. per acre.....	Price on application		
18 Italian Rye. 50 lbs. per acre.....	.16	2.75	12.00

Lbs. per bu.	Lb.	Bush.	100 lbs.
22 Meadow Fescue. English Blue Grass....	\$0.22	\$3.75	\$15.00
12 Orchard. 40 lbs. per acre.....	.28	3.00	21.00
14 Red or Creeping Fescue.....	.55	7.00	48.00
32 Red Top. Recleaned.....	.25	6.50	18.00
14 Rhode Island Bent. 40 lbs. per acre....	Price on application		
12 Sheep's Fescue. 40 lbs. per acre.....	Price on application		
Sudan Grass	Price on application		
Sweet Vernal (Perennial). 3 lbs. per acre	Price on application		
with other grass	Price on application		
Sweet Vernal (Annual). 3 lbs. per acre	Price on application		
with other grass	Price on application		
10 Tall Meadow Oat (French Rye Grass) ..	.30	2.75	22.50
45 Timothy Seed. ½ bu. per acre alone.....	.15		
14 Wood Meadow. 30 lbs. per acre.....	Price on application		

WHITE CLOVER

Choice recleaned. Sow 10 to 12 lbs. per acre (60 lbs. per bushel). Per ¼ lb., 15c.; 55c. per lb.; 5 lbs., \$2.65; \$5.00 for 10 lbs. Price for larger quantity on application.

See reverse side of opposite color plate for a complete list of clover and farm seed.

MICHELL'S GRASS SEEDS FOR ALL PURPOSES

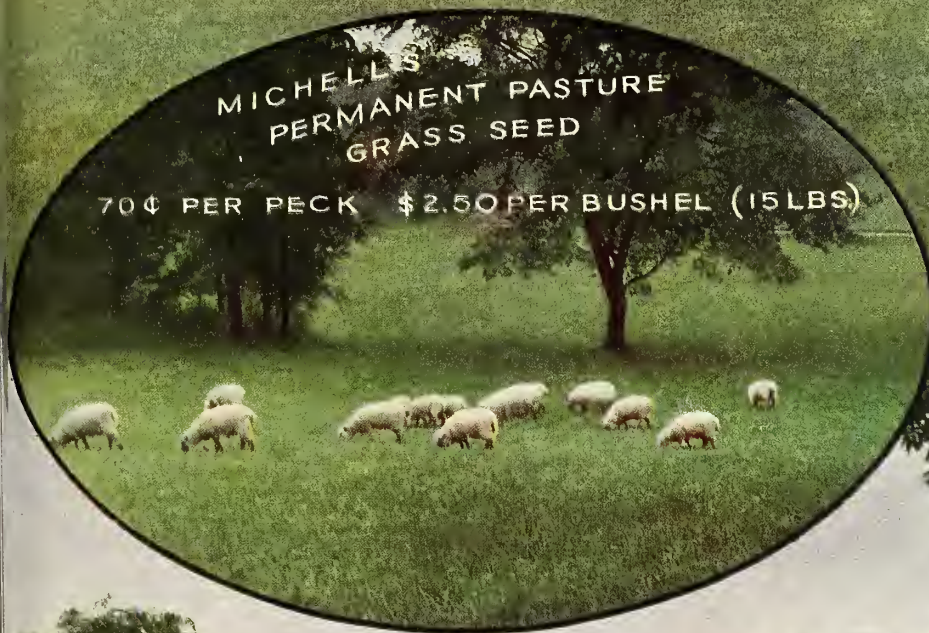


MICHELL'S
PERMANENT PASTURE
GRASS SEED

70¢ PER PECK \$2.50 PER BUSHEL (15 LBS.)

MICHELL'S EVERGREEN
LAWN SEED

85¢ PER PECK
\$3.25 PER BUSHEL (20 LBS.)



MICHELL'S SPECIAL FORMULAS
AND SEPARATE VARIETIES OF
GRASSES FOR GOLF COURSES
AND PUTTING GREENS

HENRY F. MICHELL CO.
GRASS SEED SPECIALISTS
518 MARKET ST. PHILA.

Michell's High Grade Farm Seeds

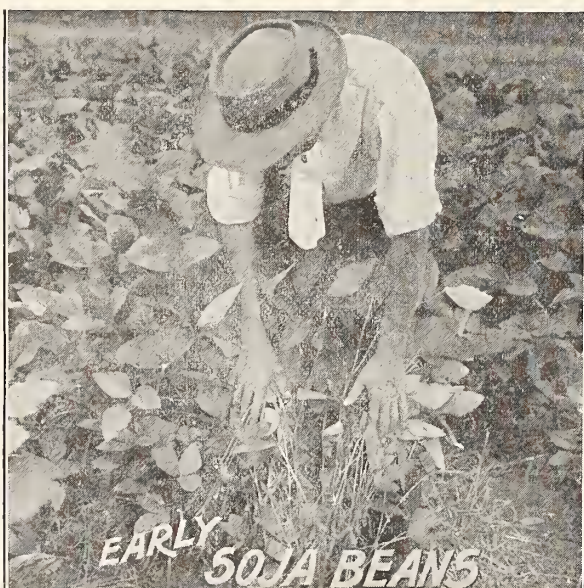
PRICES SUBJECT TO MARKET CHANGES

- Alfalfa** (*Medicago Sativa*). Sow $\frac{1}{2}$ bu., 30 lbs. per acre during May, August, or September. Price, per lb., 25c.
- Buckwheat**. Sow 1 bu. per acre during June and July. Japanese and Silver Hull. Each, 15c. per qt.
- Barley, Beardless**. Sow $1\frac{1}{2}$ to 2 bu. per acre from May 15th to July 1st. 15c. per qt.; price for larger quantity on application.
- Beans, Soja**. Sow $1\frac{1}{2}$ bu. per acre during May. Mammoth yellow; Early Hollybrook, Ito San, Wilson. Price on application.
- Broom Corn**. Early Evergreen. Sow 10 lbs. per acre during May. 15c. per qt.
- Clover, Alsike**. Sow 10 lbs. per acre during March, April, or August.
- " Bokhara or Sweet. Sow 15 lbs. per acre during April or August.
- " Crimson. Sow 20 lbs. per acre during July or August.
- " Mammoth Red. Sow 20 lbs. per acre during March, April, or August.
- " Red Medium. Sow 20 lbs. per acre during March, April, or August.
- " White Dutch. Sow 10 lbs. per acre. 7c. per oz.; $\frac{1}{4}$ lb., 15c.; 55c. per lb.; 5 lbs., \$2.65; \$5.00 for 10 lbs. Price for larger quantity on application.
- Cotton Seed**. Grown principally as an ornamental crop in this latitude. 25c. per lb.; 5 lbs., \$1.00.
- Canada Field Peas**. Sow $1\frac{1}{2}$ bu. per acre during April, with 1 bushel of oats. This makes splendid green feed. Price on application.
- Cow Peas**. Sow during May 2 bu. per acre broadcast, or 1 bu. per acre in drills. Black, Black Eye, Whippoorwill Mixed. Prices on application.
- Flax**. Sow 1 bushel per acre during May and June. Lb., 10c.
- Kaffir Corn**. Sow in June and July. 10 lbs. per acre. Lb., 10c.
- Millet**. A splendid emergency hay crop; can be harvested in 60 days. Sow during June and July; 1 bushel per acre. *Hungarian and Golden*. Lb., 15c. *Japanese*; sow 12 lbs. per acre. 10c. per lb. *Pearl*; sow 10 lbs. per acre. Lb., 15c.
- Oats**. Sow from April until June; 3 bushels per acre. Swedish or Washington, Canadian Cluster, Tartar King, Storm King. Price on application.
- Rye**. Sow $1\frac{1}{2}$ bu. per acre broadcast during April, May, October and November, spring and winter; choice strains of both.

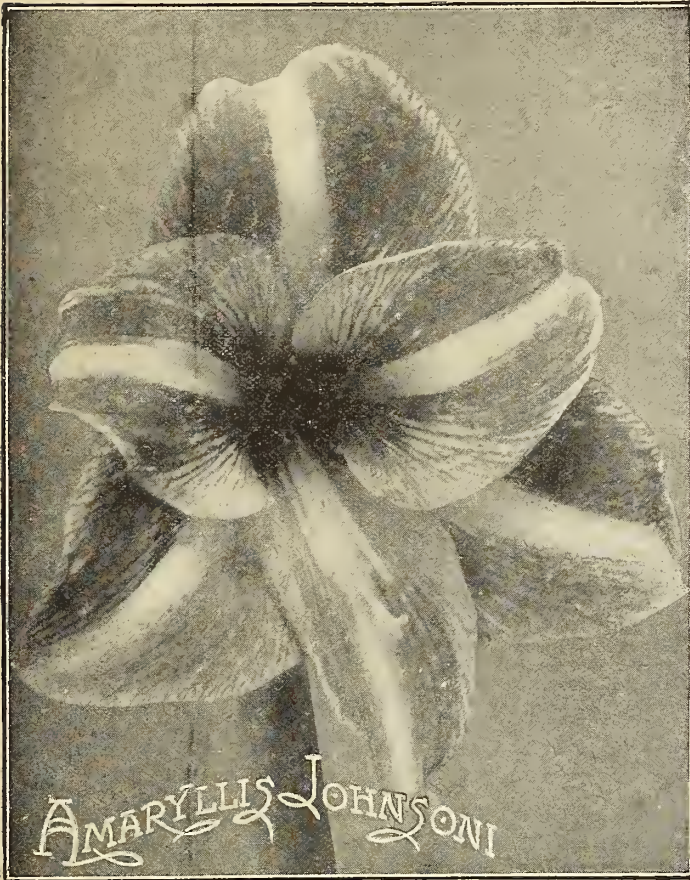


Our Strains of Red Clover in both Mammoth and Medium types are unusually fine

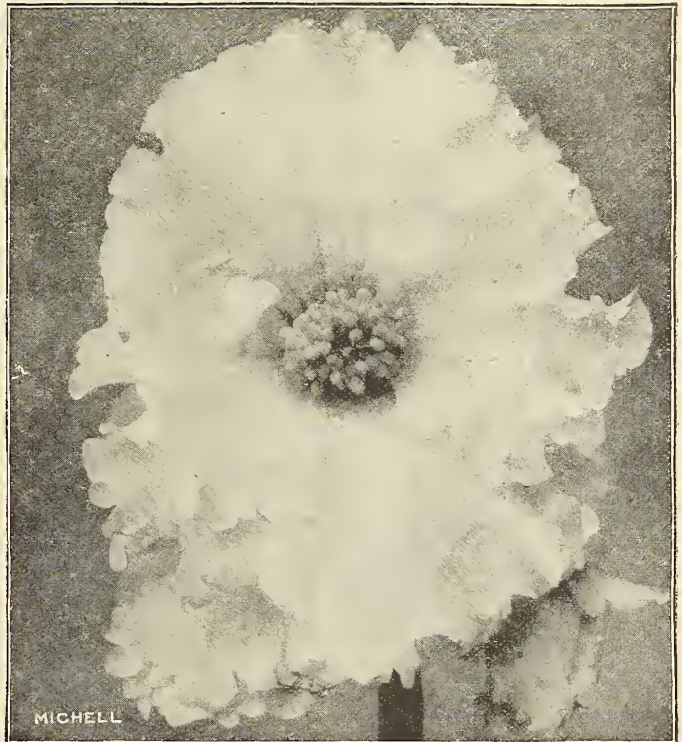
- Rape**. Dwarf Essex. Sow 6 lbs. per acre broadcast, or in drills at intervals from April 1st to October 1st. 20c per lb.
- Sorghum or Sugar Cane**. Early Amber. Sow 25 lbs. per acre in drills during May or June. 15c. per lb.
- Splutz or Emmer**. Sow during April and May; 2 bushels per acre. 10c. lb.
- Sudan Grass**. Similar to millet. Sow 16 to 24 lbs. per acre broadcast during April, May and June. Price on application.
- Sunflower**. Mammoth Russian; splendid poultry food. Sow 10 qts. per acre in drills. 12c. qt.; 40c. for 4 qts.; peck, 65c.; bushel (25 lbs.), \$2.50.
- Timothy**. Sow $\frac{1}{2}$ bushel per acre during April, August, or September. 15c. lb.
- Teosinte**. A splendid forage plant for dry sandy soils. Sow in May and June; 5 to 6 lbs. per acre. Price on application.
- Vetch**. For green feed, green manure and cover crops. Sow 1 bushel per acre broadcast. Winter (*Vicia Villosa*). Spring (*Vicia Sativa*).
- Wheat**. Sow $1\frac{1}{2}$ bushels per acre in drills; Spring, Saskatchewan Fife. Winter varieties ready after September 15th. Prices on application.



ABOUT PRICES—For larger quantities than mentioned, these will be quoted on application.



NOTE. We guarantee the safe arrival of all bulbs, plants and perishable goods shipped by Express, and on account of the congested condition of freight traffic at present we will make all shipments of perishable goods by express unless instructed to the contrary; all such shipments by freight or boat must travel at buyer's risk if he orders them sent that way.



Amaryllis Bulbs

	Doz.	100
Belladonna. Pink, Giant Bulbs, 30c. each.....	\$3.00	\$20.00
Hybrids of Vittata. Choice mixture, 35c. each.....	3.50	25.00
Johnsoni. Red and white, large bulbs, 25c. each.....	2.50	19.00
Formosissima (Jacobean Lily). Red. Large bulbs..	.75	5.50
Treatea Alba (Zephyranthes). (Extra large bulbs)..	.50	4.00
" Rosea " (Extra large bulbs)..	.50	4.00

Tuberous Rooted Begonia, Frilled or Crispa Type

Begonia Bulbs—(Tuberous Rooted)

Very choicest giant flowering type. Extra large bulbs. The past year we made some extensive trials of strains of tuberous rooted Begonias and are convinced that ours cannot be surpassed.

	Each	Doz.	100	1000
SINGLE				
Orange, Scarlet, Pink, White, Yellow. Each color separate	\$0.50	\$3.00	\$27.50	
Mixed .....	.45	2.75	25.00	
DOUBLE				
Crimson, Scarlet, Pink, White, Yellow. Each color separate .....	.75	4.50	40.00	
Mixed .....	.60	4.25	37.50	

New Frilled Begonia (See Cut Above)

A beautiful crested type, producing very large single flowers. The above cut, which was reproduced from an actual bloom, will convey some idea of its beauty.

	Doz.	100	1000
Orange	\$0.60	\$4.00	\$35.00
Scarlet .....	.60	4.00	35.00
Pink .....	.60	4.00	35.00
White .....	.60	4.00	35.00
Yellow .....	.60	4.00	35.00
Mixed .....	.60	4.00	35.00

Named Tuberous Begonias

	Doz.	100
Lafayette. Brilliant crimson, double.....	\$2.00	\$15.00
Graf Zeppelin. Double; vermilion scarlet.....	1.50	11.00
Bertini. Brilliant vermilion, single	1.50	11.00
Cardinal. Rich cardinal red	1.75	12.50
Phosphorescent. Single brilliant scarlet.....	1.75	12.00

Miscellaneous Tuberous Begonias

	Doz.	100
Double Fringed in Mixture	\$1.50	\$10.00
Cristata Fringed in separate colors. Orange, Red, White, Rose, Yellow .....	.75	5.50



Calla Elliottiana

CALLAS

Elliottiana (Yellow Calla). This beautiful novelty should be extensively planted. The contrast of the golden yellow flowers placed among other blooms and foliage is truly remarkable, making a beautiful sight. The spotted foliage shows the flower off, when using it as a pot plant, to a great effect. In a short time this new variety will be wonderfully popular on account of its beauty and of its low price. 20c. each; doz., \$1.75; \$10.00 per 100; per 1000, \$110.00.

	Doz.	100
Spotted Foliage. White flower	\$0.75	\$5.00
Black Callas. (Unobtainable at present.)		

Michell's Summer Flowering Bulbs, etc.

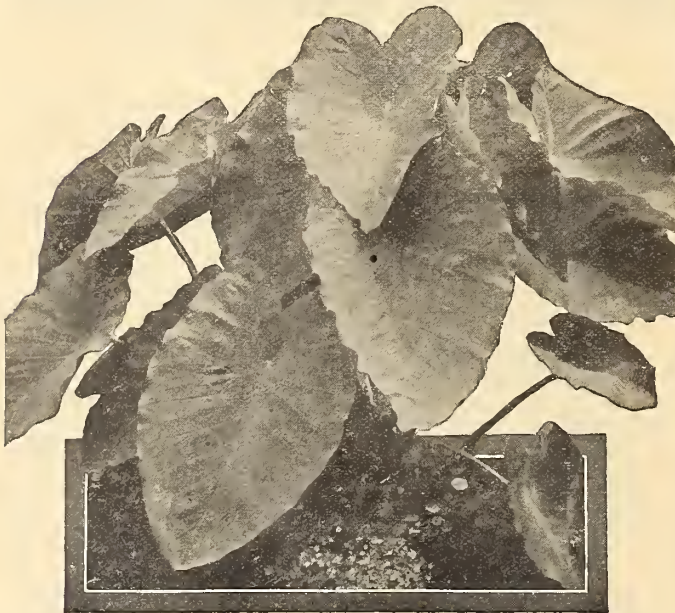
FANCY LEAVED CALADIUMS

These are grown for us on contract by one of the leading hybridizers of the world. Our list is composed of 12 of the best named sorts, covering a wide range of colors, which are difficult to describe accurately. Wonderful effects can be produced in table or conservatory decorations with these beautifully marked tropical foliage plants. The bulbs should be started in damp moss, somewhat like Begonias, with plenty of bottom heat and an occasional dampening.



Do not allow them to get chilled, and at all times grow them in a warm, shaded place.

- Charles Simpson. Bluish green, spotted red, creamy ribs.
 - Coimbra. White, suffused green, red veins and ribs.
 - Frances M. Laughlin. Transparent rose centre, yellowish zone, green border.
 - Jacupiranga. Transparent white with green veins.
 - Jupiter. Red centre, green border, spotted white.
 - Leopold Robert. Deep red, crimson ribs, green border.
 - Lord Derby. Rose, green ribs and veins.
 - Macache. Variable, green, suffused pink, with red ribs.
 - Prince Albert Edward. Red, suffused pink, green border.
 - Putomayo. Pink, spotted strawberry red.
 - Shellpink. Centre shell pink, deep red veins, gray border.
 - Silver Queen. Pure white.
- 20c. each; doz., \$1.75; \$12.00 per 100.



CALADIUM ESCULENTUM (Elephant's Ear)

	Doz.	100	1000
Mammoth Bulbs. 11 to 12 in. circum.....	\$1.60	\$12.00	\$100.00
First Size Bulbs. 9 to 11 in. circum.....	.90	6.00	55.00
Second Size Bulbs. 7 to 9 in. circum.....	.50	3.25	27.50
Third Size Bulbs. 5 to 7 in. circum.....	.30	2.00	15.00

CINNAMON VINE ROOTS (Hardy)

Dark green, dense foliage, with small sweet (cinnamon) scented blossoms; good stock for the florist who has a counter trade. 40c. doz.; per 100, \$3.00.

CYCAS REVOLUTA (Sago Palm)

These interesting as well as ornamental plants may be grown from the dormant (leafless) trunk or stem with great success. Fine strong, dormant stems, ready about March 1st. \$3.50 for 25 lbs.; per 100 lbs., \$12.00 (case lots about 300 lbs., at 11c. lb.).

JAPANESE FERN BALLS (Dormant)

	Each	Doz.	100	1000
Large size, 7 to 9 inches diameter...	\$0.30	\$3.25	\$25.00	\$225.00
Medium size, 5 inches diameter....	.20	2.00	15.00	135.00

GLOXINIAS

A gorgeous plant either for conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January but should not be set outdoors until after May 15th.

	Doz.	100	1000
Red and Scarlet	\$0.75	\$4.50	\$40.00
Blue .....	.75	4.50	40.00
Scarlet, Bordered White .....	.75	4.50	40.00
Blue, Bordered White .....	.75	4.50	40.00
White, Spotted Scarlet .....	.75	4.50	40.00
White .....	.75	4.50	40.00
Choicest Mixed .....	.75	4.00	37.50
Cattleya. Orchid pink	1.10	8.00	
Defiance. Brilliant scarlet	1.10	8.00	
Emperor William. Ultramarine blue	1.10	8.00	
Graf Zeppelin. Carmine, fringed	1.10	8.00	
King of Reds. Bright crimson, extra fine....	1.10	8.00	

HYACINTHUS

Candicans. White flowering; very desirable for planting in borders. Doz., 35c.; \$2.25 per 100.



Ismene

ISMENE CALATHINA (Pancratium Lily)

One of the choicest of our summer flowering bulbs, blooming profusely during the entire season, flowers a beautiful waxy white and deliciously fragrant. Bulbs are not hardy and should be removed to the house in October. These sell readily as a bulb or flower, and for summer funeral work are equal to lilies. Giant bulbs 10c. each; per doz., \$1.00; \$7.00 per 100.

MICHELL'S (Home Grown) Thrifty CANNA ROOTS

Our Roots are extra strong, with plenty of eyes, are clean and absolutely true to name. When ordering please state if immediate shipment is desired; also if we shall send via express or freight. The heights quoted on Cannas are as they grow in our nursery. These may vary with soil and climatic changes.

SPECIAL NOTICE

MICHELL'S CANNAS were awarded a Silver Medal by the Judges of Horticultural Displays at the Panama-Pacific Exposition, San Francisco, in 1915.

Alphonse Bouvier. Deep crimson, green foliage, 4 feet.....	Doz. 100	1000 \$22.00
	\$0.50	\$2.75
Austria. Deep golden yellow, 6 feet.....	.50	2.75 22.00
Black Beauty (Improved). A foliage variety, bronzy purple leaves, 6 feet high.....	.60	3.50 30.00
Chas. Henderson. Crimson, green foliage..	.60	3.00 25.00
Crimson Bedder. Crimson, green foliage...	.60	3.00 25.00
Dr. E. Ackerknecht. Carmine suffused deep red, handsome dark foliage, 4 feet.....	.50	2.75 22.00
Egandale. Bright cherry red, bronze foliage.....	.60	3.00 25.00
Elizabeth Hoss. Superb yellow, spotted vivid red, green foliage, 4 ft. high.....	1.00	6.00 50.00
Express. Dwarf, crimson, 2½ feet, green foliage.....	.60	3.50 30.00
Firebird. Brilliant scarlet, green foliage, 3½ ft.; one of the best of the newer sorts....	1.50	8.00 75.00
Florence Vaughan. Yellow, spotted red, 4 ft. .50	.50	3.00 25.00



Canna, Mrs. Alfreia F. Conard



Canna "Austria"

Gen'l Merkel. Scarlet, with orange edge, splashed golden yellow, 4 feet, green foliage.	Doz. \$0.50	100 \$2.75	1000 \$22.00
Gladiator. Yellow, spotted red.....	.50	2.50	20.00
Gustave Gumper. Rich yellow, 4 feet.....	.65	3.25	27.50
Harry Laing. Rich glowing scarlet suffused orange, green foliage, 5 feet.....	.60	3.25	27.50
Hungaria. Soft Salmon rose, 3 feet.....	.60	3.50	30.00
Italia. Scarlet, broadly edged yellow, 6 feet	.50	3.00	25.00
Kate F. Deemer. Rich yellow shading to turkey red, green foliage, 4 feet.....	.75	4.00	35.00
King Humbert. Bronze foliage, orange red, 4 feet.....	.65	3.50	32.50
Koros. Light orange scarlet, streaked carmine, 4 ft.; green foliage.....	.50	2.50	22.00
Louis Reverchon. Cochineal red, with dark foliage, 4 to 5 feet.....	.65	3.25	27.50
Meteor. Bright red, compact grower, 4½ feet, green foliage.....	1.00	6.00	50.00
Minnehaha. Seashell pink, deepening to gold, peach blow centre.....	.60	3.00	27.50
Mme. Crozy. Scarlet, bordered golden.....	.50	2.50	20.00
Mont Blanc. Creamy white, large flowers..	.60	3.50	30.00
Mrs. Alfreia F. Conard. Soft Salmon pink..	1.00	6.00	50.00
Musa Folia. A broad, green foliage variety, 6 feet.....	.60	2.75	25.00
Panama. Red edged yellow, green foliage, 4 ft.; wonderfully free bloomer.....	1.00	6.00	50.00
Queen Charlotte. Crimson, with wide gold border, 3 feet.....	.50	2.50	20.00
Richard Wallace. Light yellow, 4 feet.....	.60	3.00	27.50
Robusta Perfecta. Green foliage, shaded bronze, 7 feet.....	.50	3.00	25.00
Rosea Gigantea. Rich rose pink.....	1.00	6.00	50.00
Sec. Chabanne. Salmon pink, green foliage, 3 feet.....	.60	2.75	22.50
West Virginia. Rich crimson scarlet, with a yellow border, green foliage, 3½ feet....	.60	2.75	22.00
Wyoming. Orange red, bronze foliage.....	.60	2.75	22.50
Yellow (King Humbert). Golden yellow dotted red, green foliage, 4 feet.....	1.75	12.00	100.00

MIXTURES OF CANNAS

Dwarf French Mixed50	3.00	22.50
---------------------------------	-----	------	-------

6 roots of a variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(ht)

Michell's Superb Dahlias for Florists

Varieties marked * are best cut-flower sorts

Order Dahlia Roots Early. Each season some customers are disappointed by not being able to get roots. This is often caused by waiting too long before placing their orders. Orders received for Dahlia roots of a variety, which stock is exhausted, will be filled in strong, thrifty plants about May 1st, unless advised to the contrary. Dahlia plants give splendid satisfaction.

We realize the list of dahlias at command is much more extensive than what we offer, but it has been our endeavor to offer those varieties which are best suited to the needs of the florist. We have arranged the entire collection in strict alphabetical order, and followed the name with the type and color. We trust customers will find this convenient.

Varieties listed in our Retail Catalog and not quoted in this catalog, will be supplied at the price in the Retail Catalog less 20 per cent.



Decorative Dahlia, Souvenir de Gustave Douzan

	Doz.	100
*A. D. Livoni (Show). Clear pink.....	\$1.50	\$8.50
Apple Blossom (Single). Delicate pink.....	1.25	8.00
Arabella (Show). Canary yellow, shaded pink...	1.25	8.00
*Aristed Gurtler (Cactus). Orange, suffused scarlet	1.50	10.00
Australian (Cactus). Rich purple, suffused crimson	1.75	12.00
*Autumn Glow (Decorative). Primrose, shaded bronze	1.50	8.50
Beloit (Decorative). Rich deep red.....	2.75	22.50
Bertha v. Suttner (Paeony). Ivory white, suffused pink	2.75	20.00
Bessie Clark (Double Century). Mauve pink, suffused golden yellow	1.50	10.00
*Blue Oban (Decorative). Rich purple	1.25	8.50
Capstan (Cactus). Yellow, shaded orange.....	1.25	8.50
Cardinal (Single). Fiery scarlet	1.25	8.00
Catherine (Pompon). Primrose yellow.....	1.10	7.50
*Catherine Duer (Decorative). Bright scarlet....	1.50	8.50
*Chas. Lanier (Show). Rich amber, shaded buff..	1.50	10.00

	Doz.	100
Cockatoo (Cactus). Lemon yellow, shaded rose..	\$1.50	\$10.00
*Countess of Lonsdale (Cactus). Salmon pink...	1.50	10.00
Country Girl (Cactus). Golden yellow, suffused pink	1.50	10.00
Crawley Star (Single). Clear rose pink.....	1.50	10.00
Crimson Globe (Show). Rich crimson.....	1.25	8.00
*Crimson Giant (Decorative). Rich crimson....	1.25	8.50
Cuban Giant (Show). Rich maroon	1.75	12.00
*C. W. Bruton (Decorative). Rich yellow.....	1.50	8.50
Daybreak (Pompon). Clear pink	1.10	7.50
*Delicatissima (Cactus). Delicate pink.....	1.50	8.50
*Delice (Decorative). Rose pink	1.75	12.00
*Dorothy Peacock (Show). Lilac rose	1.75	12.00
Dragon d'or (Cactus). Bright yellow.....	1.25	8.50
*Dreer's White (Show). Pure white.....	2.50	15.00
Duchess of Marlborough (Cactus.) Solferino, flushed yellow	2.50	15.00
E. L. Hawes (Cactus). Clear salmon pink.....	1.50	8.50
Emily (Show). Solferino red; marked white....	1.50	10.00
Etendard de Lyon (Cactus). Reddish violet.....	4.00	30.00
Exposition de Lyon (Collarette). Rich garnet, striped white	1.25	8.00
Fernand Olivet (Cactus). Maroon, shaded scarlet	1.50	8.50
Fire Rain (Decorative). Rich red	1.25	8.00
Flora (Cactus). Pure white	1.25	8.50
*Floradora (Cactus). Blood red	1.50	9.00
*F. W. Fellows (Cactus). Orange red	3.50	25.00
Galathea (Cactus). Soft violet rose, shaded mauve	1.75	12.00
Geisha (Paeony). Scarlet and gold	4.50	35.00
*General Buller (Cactus). Rich crimson, tipped white	1.25	8.50
General French (Cactus). Orange terra cotta....	1.50	10.00
Germania (Paeony). Bright crimson.....	2.25	15.00
Glory of Wilts (Cactus). Bright yellow.....	1.50	10.00



Show or Double Dahlia, Dorothy Peacock

6 Dahlias of a variety at dozen rate; 25 at 100 rate; less than 6 of a kind charged at retail price, less 20 per cent. (ht)

Michell's Superb Dahlias

	Doz.	100
*Gold Medal (Show). Yellow, tipped red.....	\$2.25	\$14.00
Golden Eagle (Cactus). Golden buff	1.75	12.00
Golden Gate (Cactus). Deep golden yellow.....	2.50	15.00
*Golden Wedding (Decorative). Clear yellow....	1.50	10.00
Gorgeous (Single Century). Brilliant scarlet....	1.50	8.50
Grand Duke Alexis (Show). Pure white, overlaid lavender	1.50	8.50
Hortulanus Budde (Paeony). Rich orange red... 4.00	27.50	
*Jack Rose (Decorative). Rich crimson.....	1.25	8.50
J. H. Jackson (Cactus). Rich maroon.....	1.25	8.50
John Wanamaker (Paeony). Orchid pink.....	3.00	22.50
*Kalif (Cactus). Pure scarlet	5.00	35.00
Kismet (Cactus). Cerise, shaded rose.....	2.25	15.00
*Kriemhilde (Cactus). Soft pink, white centre... 1.25	8.50	
Lawine (Cactus). Glistening white	1.25	8.50
*Le Grand Manitou (Decorative). Violet, striped purple	2.50	15.00
Lord Minto (Cactus). Pale yellow, shaded salmon	1.50	10.00
*Lyndhurst (Decorative). Bright scarlet.....	1.25	8.00
Mad. Henry Cayeux (Cactus). Pure white, petals rose pink	2.00	12.50
Marathon (Cactus). Rich purple	2.00	12.50
Maurice Rivoire (Collarette). Blood red, white collar	1.25	8.00
*Melody (Cactus). Clear yellow, shaded white.... 2.50	17.50	
*Mina Burgle (Decorative). Rich dark scarlet... 2.50	15.00	
Miss Minnie McCullough (Decorative). Soft yellow, overlaid bronze	1.25	8.00
Miss Stredwick (Cactus). Soft yellow, changing to pink	2.25	15.00
Miss Willmot (Cactus). Reddish apricot, shaded yellow	1.50	10.00
Mme. van den Dael (Decorative). Shell pink, shaded rose	1.75	12.00
Mrs. Alfred Dyer (Decorative). Lemon yellow, deepening to soft pink.....	1.75	12.00
*Mrs. Chas. Turner (Decorative). Canary yellow. 1.75	12.00	
Mrs. H. J. Jones (Cactus). Brilliant scarlet, edged white	1.50	8.50
*Mrs. Henry R. Wirth (Cactus). Rich scarlet.... 1.50	10.00	
*Mrs. J. Gardner Cassatt (Decorative). Deep rose	1.50	10.00
Mrs. Reginald Bailey. Brilliant crimson.....	1.75	12.50
*Mrs. Roosevelt (Decorative). Daybreak pink... 2.50	17.50	
*Model (Cactus). Soft yellow, shaded pink..... 2.25	15.00	
Nerthus (Cactus). Orange yellow, shaded carmine 2.50	15.00	
*Nibelungenhort (Cactus). Rich apricot, suffused rose	4.00	25.00
*Perle de Lyon (Decorative). Pure white.....	1.25	8.00
*Philip Freud (Pompon). Orange	1.10	7.50
Pink Pearl (Cactus). Delicate pink, suffused white 1.50	10.00	
Princess Bonnie (Show). Creamy white, tinted pink	1.25	8.50
Queen Emma (Paeony). Rose pink, gold banded. 1.75	12.50	
Queen Wilhelmina (Paeony). Pure white.....	3.25	25.00
*Record (Cactus). Oriental red	2.00	15.00
Rene Cayeux (Cactus). Rich red	1.50	10.00
*Rheinkoenig (Cactus). Snow white	2.00	15.00
Rheingau (Cactus). Rich scarlet	2.25	15.00
Richard Box (Cactus). Clear yellow	1.75	12.50
Rosepink Century (Century). Rose pink.....	1.50	10.00



Cactus Dahlia, "Golden Eagle"

	Doz.	100
Schnlekoenigin (Cactus). Pure white	\$2.50	\$15.00
Snowclad (Pompon). Pure white	1.10	7.50
Souvenir de Gustave Douzan (Decorative). Red. 1.50	9.00	
Stability (Cactus). Pink	2.00	15.00
*Storm King (Show). Pure white	1.25	8.50
*Success (Cactus). Canary yellow	2.00	12.50
Sweetbrier (Cactus). Soft pink	2.50	15.00
*The Swan (Cactus). Snow white	2.50	15.00
Twentieth Century (Single). Rose carmine, tipped white	1.25	8.00
*Wm. Agnew (Decorative). Scarlet crimson..... 1.50	10.00	
*W. W. Rawson (Show). Pure white, overlaid mauve	2.25	17.50
Yellow Duke (Show). Primrose yellow.....	1.50	10.00

Dahlias—Mixed and to Color

Double White	\$1.10	\$7.50
“ Pink	1.10	7.50
“ Red	1.10	7.50
“ Yellow	1.10	7.50
“ Mixed, all colors .....	.85	6.00
Single Mixed, all colors .....	.85	6.00
Cactus Mixed, all colors .....	.85	6.00

TESTIMONIAL ON MICHELL'S DAHLIAS

Bridgeport, Pa.

I have bought Dahlias from you for several seasons, and this year they are even better than ever. I think this is remarkable, as on account of the unusually dry weather, Dahlias have not done well generally. My plants have all grown splendidly, and are full of flowers, a majority of them of unusual size.

Very truly yours,

(Signed) S. W. S.

Michell's High Grade Bulbs for Florists



Lil. Auratum

HARDY LILIES

Hardy Lilies are now planted by many florists. Varieties marked * are excellent for forcing.

JAPANESE VARIETIES

- *Album (Praecox). Pure white.
- Bulbs per case Doz. 100 1000
- 8 to 9 inches..... 225 1.50 10.00 92.50
- 9 to 11 inches..... 125 2.00 14.00 135.00
- Auratum (Golden Banded Lily). Enormous flowers, pure white ground spotted brown with yellow striped petals.
- 8 to 9 inches..... 225 \$1.20 \$7.50 \$67.50
- 9 to 11 inches..... 125 1.60 11.50 105.00

- Batemanni (Orange Red) \$1.75
- Brownii. Purple and white..... 1.75
- Krameri. Blush pink 1.75
- Macranthum. Golden Banded..... 2.50
- *Magnificum. Deep pink, spotted crimson.
- 8 to 9 inches..... 225 1.30 7.75 72.50
- 9 to 11 inches..... 125 1.75 12.00 107.50
- *Melpomene. Deep pink, spotted dark red.
- 8 to 9 inches..... 225 1.30 7.75 72.50
- 9 to 11 inches..... 125 1.75 12.00 107.50
- *Rubrum or Roseum. Beautiful pink, spotted crimson.
- 8 to 9 inches..... 225 1.30 7.75 72.50
- 9 to 11 inches..... 125 1.75 12.00 107.50
- Rubellum. Dark pink 2.50
- Rubro-Vittatum. Spotted crimson. 4.25
- Tigrinum. Single \$1.00 \$6.50 \$62.50
- " Double 1.25 8.00 70.00
- Wittei. White and yellow..... 6.00

NATIVE LILIES

- Canadense. Bright yellow... \$1.10 \$7.50
- " Rubrum. Red.. 1.10 7.50
- Elegans. Leonard Joerg.
- " Pink85 6.00
- " Painted Chief. Red 1.10 7.50
- Hansoni. Reddish orange... 4.75 35.00
- Henryi. Orange yellow..... 5.00 35.00
- Regale (Myriophyllum). (85c. each) 9.00
- Superbum. Orange red..... 1.00 7.50
- Tenuifolium. Brilliant scarlet .85 6.00
- Umbellatum. Orange scarlet. 1.00 6.50

MONTBRETIAS

This splendid bulb is adapted to slow forcing; handle it like gladiolus.

- Aurantiaca. Deep golden yellow.
- Crocsmiaeflora. Scarlet and yellow.
- Etoile de Feu. Vermilion, yellow centre.
- Germania. Orange-scarlet; very large. Doz., 30c.; 100, \$1.75; 1000, \$15.00.
- Pottsii. Large, orange-scarlet.
- Speciosa. Golden yellow.
- Rayon d'Or. Light yellow, spotted brown.

Price, except where noted, 25c. doz.; per 100, \$1.50; \$12.00 per 1000.



COLD STORAGE LILIES

For forcing in all seasons, they bloom in 12 to 14 weeks. Every progressive florist should, from time to time, force a batch of these, as they are money-makers.

Important Note.—Always unpack immediately all cold storage Lilies on arrival. We forward these bulbs by express; if desired by freight, they travel at purchaser's risk.

LILIUM GIGANTEUM

For delivery from January 1st to July 1st

Size	No. of Bulbs		Per Case	Per 1000
	Per Case	Per 1000		
7-9 inch	100		\$8.00	
7-9 inch	250		16.25	\$64.00
7-9 inch	300		18.00	60.00
8-10 inch	200		19.00	95.00

Prices for later than above will be established in July

Note.—We can usually supply *Lilium Album*, *Rubrum*, *Magnificum* and *Melpomene* from cold storage. Ask for list of sizes and prices.

Mexican or Madeira Vine

	Doz.	100	1000
Strong Roots or Tubers.	\$0.35	\$2.25	\$20.00

Oxalis (Summer Flowering)

	Doz.	100	1000
Deppii. White	\$0.10	\$0.75	\$6.00
Lasiandra. Pink .....	.10	.75	6.00

"HOW'S THIS FOR A GOOD WORD."

I received the bulbs in fine condition and the way you people dish out quick service certainly has "my goat." In my opinion it is the best advertising medium you can employ.

JOS. T. ZIKA,
Florist.



Lily of the Valley

LILY OF THE VALLEY

Clumps. For outside planting (stock is usually exhausted after May 15th). \$2.25 per doz.; per 100, \$16.00; \$150.00 per 1000.

Giant Flowering (Cold Storage). For a number of years we have made a specialty of these, and our strains are reputed to be among the finest. Price on application.

Tuberose

Our Tuberose bulbs are all hand selected and may be depended upon to bloom.

Mammoth Pearl.

Double pure white. First size bulbs, doz., 25c.; \$1.25 per 100; \$10.00 per 1000.

Giant Bulbs.

Producing extra long spikes well decked with flowers. 35c. per doz.; \$1.75 per 100; \$15.00 per 1000.



A. BLANC

Albino. Single white. 30c. doz.; 100, \$2.00; \$16.00 per 1000.

RANUNCULUS (or Buttercups—Giant Bulbs)

Splendid for slow forcing as pot plants, when they are quite a novelty, or they can be planted outdoors.

- Double Turkish. Mixed colors. 100, 65c.; 1000, \$5.50.
- Double Persian. Mixed colors. 100, 65c.; 1000, \$5.50.
- Double French. Mixed colors. 100, 65c.; 1000, \$5.50.

ZEPHYRANTHES (See Amaryllis, Page 47)



Gladiolus "America"

NAMED VARIETIES

	Doz.	100	1000
America. One of the finest; delicate pink..	\$0.45	\$2.75	\$22.50
Augusta. White, slightly pencilled.....	.45	2.75	22.50
Attraction. Rich crimson with white blotch in throat .....	.45	2.75	25.00
Baron Hulot. Deep indigo blue.....	.60	3.75	32.50
Brenchleyensis. Brilliant scarlet .....	.20	1.75	15.00
Canary Bird. Soft light yellow.....	1.00	7.75	70.00
Cardinal. Intense cardinal red.....	1.50	10.00	90.00
Contrast. Intense scarlet, white centre....	3.50	25.00	
Eugene Scribe. Tender rose, shaded deep..	.65	4.75	40.00
Geo. Paul. Rich crimson .....	.85	6.00	55.00
Halley. Very large, salmon pink, blotched yellow with carmine markings .....	.45	2.75	22.50
I. S. Hendrickson. Pink, mottled white.....	.85	6.00	55.00
Jean Dieulafoy. Cream white, blotched red	1.00	7.50	65.00
Klondyke. Primrose, blotched crimson....	.45	3.00	25.00
Kunderdi Glory. Creamy pink with faint red stripe, ruffled petals .....	.75	5.00	42.50
Lemon Drop. Light yellow	1.00	6.50	55.00
Mrs. Frank Pendleton, Jr. Salmon pink, blotched maroon	1.25	8.50	75.00
Mrs. H. B. Fullerton. Rich ruby red.....	3.50	27.50	
May. White, penciled crimson .....	.45	2.75	25.00
Mrs. Francis King. Brilliant soft scarlet...	.45	2.75	22.50
Nezinscott. Bright red, mottled white.....	.60	4.00	35.00
Niagara. Rich cream combined with canary yellow	1.00	5.50	50.00
Panama. Fully equal to America and superseding it in color, which is more on the order of salmon pink .....	.75	4.75	42.50
Peace. Pure white with just a slight marking of a lilac feather on the lower petal..	.75	5.00	40.00
Primulinus. Canary yellow	1.10	7.50	65.00

Our experience with gladiolus is that the demand seems to be constantly on the increase; it is a crop that can be produced at small expense, either under glass or outdoors. We recommend strongly that every florist grow a quantity of them to supply the demand that will exist again this season. Varieties marked * are splendid for forcing under glass.

NAMED VARIETIES—Continued

Primulinus Major Hybrids. Various shades	Doz.	100	1000
of yellow	\$0.40	\$2.75	\$25.00
Princes. Dazzling scarlet .....	.50	3.25	27.50
Pink Augusta. Penciled soft pink.....	.50	3.25	27.50
Pink Perfection. Pure rose pink.....	1.00	5.50	50.00
Rosella. Delicate pink, white throat.....	1.65	11.00	
Rose Spray. Pink .....	.50	3.00	25.00
Scarsdale. Lavender, very fine.....	.50	3.00	25.00
Scribe. Rose flaked carmine tinted white..	.75	5.00	40.00
Sulphur King. Exquisite sulphur yellow...	2.25	15.00	
Shakespeare. White flaked carmine, striped pink .....	.75	4.75	40.00
Victory. Yellow, blotched maroon.....	.50	3.00	25.00
War. One of the largest of gladioli, with deep blood red flowers, showing 4 to 6 blooms at one time	1.00	7.00	65.00
Wild Rose. Rose pink, splashed with lighter and deeper tints	1.00	6.50	55.00

UNNAMED GLADIOLI (Separate Colors)

	Doz.	100	1000
Pink	\$0.35	\$2.25	\$18.00
Scarlet .....	.20	1.75	15.00
Striped and Variegated .....	.40	2.50	22.00
White and Light .....	.35	2.00	17.50
Yellow and Orange, all Shades.....	.50	3.25	30.00

MIXTURES OF GLADIOLI

Childsii Mammoth Flowering. All colors...	.40	2.50	22.50
Extra Choice Mixed .....	.25	1.50	12.00
Groff's New Hybrids, Extra Fine Mixed...	.35	2.00	14.00
Lemoine's Type Mixture. All colors.....	.35	2.00	14.00
Michell's Giant Flowering Mixture.....	.30	1.75	15.00

GOLD MEDAL STRAIN MIXTURES (To Color)

- Section 1.** Finest shades of red, scarlet and crimson. 85c. doz.; \$5.50 per 100.
- Section 2.** Finest shades of yellow, delicate pink, rose and white. \$1.10 doz.; \$8.00 per 100.
- Section 3.** All shades of blue, heliotrope, mauve and lilac. \$1.50 doz.; \$10.00 per 100.

SILVER MEDAL STRAIN MIXTURES (To Color)

- Section 1.** Red, scarlet and crimson, fine types. 25c. doz.; \$1.75 per 100.
- Section 2.** Yellow, white and light shade strains. 40c. doz.; \$2.00 per 100.
- Section 3.** Lilac, heliotrope, light and dark blue. 55c. doz.; \$2.25 per 100.

VARIETIES OF RECENT INTRODUCTION

- Try a few of these, testing them for your soil, they may be just what your trade demands and you can order more another season.
- | | Doz. | 100 |
|---|--------|--------|
| Charmer. Soft mauve pink | \$1.25 | \$9.00 |
| Cynosure. Deep rose pink, crimson throat..... | 1.50 | 11.00 |
| Fascinator. Salmon pink, carmine throat..... | 1.50 | 10.00 |
| Fire King. Intense scarlet, very fine..... | 1.25 | 8.00 |
| Leslie. Delicate pink, blotched crimson..... | 1.50 | 10.00 |
| Melrose. White flaked pink | 1.25 | 8.00 |
| Negerfurst. Blood red, black spots | 2.25 | 16.00 |
| Rich Red. Very deep red | 1.25 | 8.00 |
| Ruby King. Intense ruby red | 1.25 | 8.00 |
| Silvretta. Creamy white, blotched carmine..... | 2.75 | 22.00 |
| Winsome. Carmine pink, blotched crimson..... | 1.75 | 12.00 |

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate.

Michell's Pot Grown Roses

Extra Strong 2-year-old stock in 5 and 6-inch pots, according to variety.

NOTE.—Please read. Our rose plants are field grown stock, potted during December and January and stored cool, so that top growth is retarded, and root action only is developed. This makes the best kind of a plant for setting out in the spring. Florists should please keep in mind that this stock for the most part is almost dormant until May 1st, and is therefore not suitable for selling in bloom on Decoration Day; each year many florists overlook this and are disappointed when the plants arrive not in bloom. We do not sell forced rose plants.

Regarding Rose Prices.—12 or more plants in the aggregate will be charged at the quoted hundred rate for the respective varieties, where less than 12 are ordered at a time the single or each price will apply.

Time of Shipment.—We prefer to begin rose shipments the latter part of April, in fact from May 1st on is better. Orders will be executed at that time unless advised to the contrary or unless in our judgment weather conditions warrant earlier shipments. No order for plants that aggregates less than \$1.00 will be filled at wholesale catalogue rates. Such orders will be filled and charged at retail catalogue rates, **less 10 per cent.**



Rose, *Hoosier Beauty*

HYBRID TEA AND TEA VARIETIES

	Each	100
Antoine Rivoire. Flesh pink, shaded darker.....	\$0.45	\$40.00
A. R. Goodwin. Rich coppery orange.....	.45	40.00
Augustus Hartman. Geranium red, flushed orange	.60	45.00
Belle Siebrecht. Brilliant pink .....	.45	40.00
Bessie Brown. Cream white .....	.45	40.00
Betty. Coppery rose, shaded yellow.....	.45	40.00
British Queen. Pure white; very fine.....	.45	40.00
Chateau de Clos Vougeot. Fiery scarlet.....	.45	40.00
Chrissie McKellar. Crimson carmine .....	.45	40.00
Colleen. Clear pink .....	.75	60.00
Countess Clanwilliam. Peach pink .....	.45	40.00
Dean Hole. Deep salmon pink .....	.45	40.00
Dorothy Page Roberts. Coppery yellow .....	.45	40.00
Duchess of Sutherland. Rose pink, shaded yellow	.45	40.00
Duchess of Wellington. Deep saffron yellow....	.45	40.00
Duchess of Westminster. Clear rose .....	.45	40.00
Earl of Gosford. Dark crimson rose .....	.45	40.00
Earl of Warwick. Soft salmon pink .....	.45	40.00
Edgar M. Burnett. Flesh colored, tinted rose....	.60	45.00
Edward Mawley. Velvety crimson .....	.45	40.00
Etoile de France. Intense brilliant crimson.....	.45	40.00
Farben Koenigin. Brilliant pink .....	.45	40.00
Florence Forrester. Snow-white, with lemon tinge	.50	40.00
General McArthur. Deep scarlet .....	.45	40.00
Geo. Dickson. Velvety-black crimson .....	.45	40.00
Geo. C. Waud. Vermilion, shaded orange.....	.45	40.00
Grass an Teplitz. Brilliant red .....	.45	40.00
H. V. Machin. Scarlet crimson .....	.60	50.00
Hadley. Dark red .....	.75	60.00

	Each	100
Harry Kirk. Deep canary yellow	\$0.45	\$40.00
Hoosier Beauty. Rich crimson .....	.60	50.00
Hugo Roller. Lemon yellow, shaded crimson....	.45	40.00
Iona Herdman. Clear orange .....	.75	60.00
Jonkheer J. L. Mock. Deep pink, shaded rose....	.45	40.00
Jos. Hill. Rich salmon pink .....	.45	40.00
Kaiserin Augusta Victoria. Pure white.....	.45	40.00
Killarney. Delicate pink .....	.45	40.00
Konigin Carola. Satiny rose, with silvery petals.	.45	40.00
Lady Ashtown. Delicate rose .....	.45	40.00
Lady Alice Stanley. Deep rose .....	.45	40.00
La France. Satiny rose, with darker reflexed petals .....	.45	40.00
Lady Hillingdon. Deep coppery yellow.....	.45	40.00
Lady Pirrie. Reddish salmon, shaded apricot....	.45	40.00
Laurente Carle. Carmine red .....	.45	40.00
Lieutenant Chauré. Velvety crimson .....	.45	40.00
Mrs. Archie Gray. Deep creamy yellow.....	.60	50.00
Mad. Abel Chatenay. Carmine rose, shaded deep	.45	40.00
Mad. Caroline Testout. Bright satiny rose.....	.45	40.00
Mad. Chas. Lutaud. Chrome yellow, tinted scarlet	.50	45.00
Mad. Dora Von Tets. Deep glowing crimson....	.60	50.00
Mad. Ed. Rostand. Flesh colored, shaded salmon	.50	45.00
Mad. Edouard Herriot. Coral red, shaded yellow	.50	45.00
Mad. Jules Grolez. Silvery rose, tinted yellow....	.45	40.00
Mad. Ravary. Deep nankeen yellow .....	.45	40.00
Mad. Segond Weber. Soft salmon pink.....	.45	40.00
Maman Cochet Pink. A "Bridesmaid" pink.....	.35	30.00
Maman Cochet White. Pure white, tinted pink...	.35	30.00
Marquise de Sinety. Light orange yellow.....	.45	40.00
Mary Countess of Ilchester. Crimson carmine....	.45	40.00
Miss Alice de Rothschild. Rich deep yellow.....	.45	40.00
Mme. Leon Pain. Salmon, deep yellow centre....	.45	40.00
Mme. Melanie Soupert. Rich salmon yellow.....	.45	40.00
Molly Sharman Crawford. Pure white.....	.45	40.00
Mrs. Aaron Ward. Deep Indian yellow.....	.45	40.00
Mrs. Ambrose Ricardo. Deep yellow .....	.50	45.00
Mrs. A. R. Waddell. Rosy scarlet .....	.45	40.00
Mrs. Bertram J. Walker. Bright cerise pink.....	.75	60.00
Mrs. Chas. E. Pearson. Orange, flushed red....	.60	45.00
Mrs. Chas. Russell. Bright rose pink .....	.45	40.00
Mrs. David Jardine. Rose pink, shaded lighter...	.45	40.00
Mrs. F. W. Vanderbilt. Deep orange, shaded apricot .....	.60	45.00
Mrs. Geo. Shawyer. The finest pink Rose.....	.45	40.00
Mrs. James Lynas. Pearl pink, flushed rose.....	.60	45.00
Mrs. R. D. McClure. Brilliant salmon pink.....	.60	45.00
Mrs. Walter Easlea. Glowing crimson carmine..	.45	40.00
Mrs. W. Christie Miller. Peach, shaded salmon..	.45	40.00
Mrs. Wemyss Quin. Lemon chrome yellow.....	.60	45.00
My Maryland. Salmon pink .....	.45	40.00
Old Gold. Coppery red, shaded apricot.....	.45	40.00
Ophelia. Salmon shaded pink .....	.50	45.00
Prince de Bulgarie. Flesh pink, suffused salmon..	.45	40.00
Queen Mary. Lemon chrome bordered carmine..	.50	45.00
Radiance. Carmine pink, shaded yellow.....	.60	45.00
Red Radiance. Brilliant red .....	.60	45.00
Richmond. Rich crimson .....	.45	40.00
Souvenir de Pres. Carnot. Delicate soft pink....	.45	40.00
Sunburst. Golden orange .....	.45	40.00
The Lyon. Coral red, with yellow base.....	.45	40.00
White Killarney. Pure white .....	.45	40.00
William Cooper .....	.60	45.00
Willowmere. Carmine bud opening rich pink....	.45	40.00
Wm. Shean. Delicate pink .....	.45	40.00
W. R. Smith. Blush white, suffused pink.....	.45	40.00

NOTE.—Please see page 54 at top for explanation of prices, character of plants, etc.

HYBRID PERPETUAL VARIETIES

	Each	100
American Beauty . Pink	\$0.40	\$35.00
Baroness Rothschild. Soft delicate pink.....	.40	35.00
Baron de Bonstetten. Velvety red.....	.40	35.00
Captain Christy. Delicate flesh pink.....	.40	35.00
Clio. Delicate flesh, shaded deeper in centre....	.40	35.00
Fisher Holmes. Bright scarlet, shaded maroon..	.40	35.00
Frau Karl Druschki. Pure white.....	.40	35.00
General Jacqueminot. Velvety crimson.....	.40	35.00
Geo. Arends. Clear pink.....	.40	35.00
Gloire de Lyonnaise. White, slightly traced yellow	.40	35.00
Magna Charta. Deep pink; extra large.....	.40	35.00
Margaret Dickson. Pure white .....	.40	35.00
Madame Gabriel Luizet. Pale pink.....	.40	35.00
Mrs. John Laing. Soft pink.....	.40	35.00
Mrs. R. G. Sharman Crawford. Light pink.....	.40	35.00
Paul Neyron. Deep rose; the largest of all.....	.40	35.00
Prince Camille de Rohan. Deep velvety maroon..	.40	35.00
Ulrich Brunner. Bright cherry red.....	.40	35.00

CLIMBING VARIETIES

	Each	100
American Beauty. Deep pink; very fragrant....	\$0.40	\$35.00
American Pillar. Single; rich pink, white centre.	.40	35.00
Aviator Bleriot. Improved yellow Rambler.....	.40	35.00
Crimson Rambler. The well known variety.....	.35	30.00
Christine Wright. Bright rose pink.....	.40	35.00
Dr. Van Fleet. Rich flesh pink.....	.40	35.00
Dorothy Perkins. Pink; very fragrant.....	.40	35.00
Excelsa. The improved Crimson Rambler.....	.40	35.00
Flower of Fairfield. The best crimson of the Rambler type .....	.40	35.00
Hiawatha. Single brilliant scarlet, with a yellow circle around the centre .....	.40	35.00
Kaiserin Augusta Victoria. White; free bloomer.	.45	40.00
Killarney Pink. Delicate soft pink.....	.45	40.00
Lady Ashtown. Delicate pink, slightly traced yellow .....	.45	40.00
La France. Satiny rose; reflexed petals.....	.45	40.00
Lady Gay. Cherry pink, changing to soft white..	.40	35.00
Silver Moon. Pure white; gigantic flowers.....	.40	35.00
Tausendschoen. Soft rosy pink, changing to car- mine .....	.40	35.00
White Dorothy Perkins. The best white Rambler	.40	35.00



Hybrid Perpetual Rose, "Mrs. Jno. Laing"

DWARF RAMBLER VARIETIES

	Each	100
Annenchen Muller. Brilliant rose pink.....	\$0.35	\$30.00
Cecile Brunner. Soft pink on white ground.....	.35	30.00
Ellen Poulson. Bright rose; fragrant.....	.35	30.00
Etoile Luisante (Baby Herriott). New; coral red; coppery red reflex; very beautiful.....	.60	50.00
Erna Teschendorff. The Scarlet Baby Rambler..	.35	30.00
Geo. Elger. Coppery yellow .....	.35	30.00
Jessie. Bright orange red; almost single.....	.35	30.00
Katherine Zeimet. Pure white; yellow stamens..	.35	30.00
Louise Walter (Baby Tausendschoen). Soft blush pink .....	.35	30.00
Mme. Jules Gouchalt. Vermilion, shaded orange.	.35	30.00
Mme. Norbert Levavasseur (Crimson Baby Ram- bler) .....	.35	30.00
Mrs. W. Cutbush (Pink Baby Rambler). Cerise pink	.35	30.00
Orleans. Rich brilliant red, turning to pink.....	.35	30.00
Phyllis. Beautiful carmine pink .....	.35	30.00
Yvonne Rabier. Pure white; free bloomer.....	.35	30.00

MISCELLANEOUS ROSES

	Each	100
Blanche Moreau (Moss). Pure white.....	\$0.35	\$30.00
Crested Moss. Deep rose pink.....	.35	30.00
Crimson Globe (Moss). Rich deep crimson.....	.35	30.00
Clothilde Soupert. Soft flesh pink.....	.35	30.00
Hermosa. Bright pink .....	.35	30.00
Juliet (Briar). Rich vermilion red, reverse of petals old gold .....	.35	30.00
Persian Yellow (Briar). Rich deep yellow.....	.35	30.00
Soleil d'Or (Briar). Golden orange .....	.35	30.00
Souv de la Malmaison. Deep flesh pink.....	.35	30.00
Rosa Rugosa Blanc Dble de Coubert. Pure white	.35	30.00
" " Single Red. Crimson carmine.....	.35	30.00
" " Single White. Pure white.....	.35	30.00
" " Double Pink (Con. F. Meyer).....	.35	30.00
Wichuriana. Single white .....	.35	30.00
Wichuriana. Pink .....	.35	30.00
Wichuriana Gardenia. Bright yellow .....	.35	30.00



Roses ship best by express. No plants sent C. O. D.

56 MICHELL'S HYDRANGEAS FOR FORCING



Hydrangea Radiant

HYDRANGEA OTAKSA

The old-fashioned pink variety

2½-inch pots. Doz., 75c.; \$5.00 per 100; per 1000, \$40.00.
 4-inch pots. Doz., \$2.75; \$20.00 per 100.
 6-inch pots. Doz., \$5.00; \$35.00 per 100.

The past two seasons we have worked up a large stock of this important florist plant, our list including the standard as well as the more recently introduced varieties.

FRENCH HYDRANGEAS (Novelties)

Joconde. Pure white, very large.
Lakme. Cream white, shaded pink.
Mme. Foucard. Ruby rose.
Mme. Nicolas Lambert. Pale rose.
Mme. A. Rosenkränzer. Mauve.
Magenta. Clear Rose.
Mme. Rene Jacquet. Flesh pink.

Price of the above new Hydrangeas, all varieties, strong plants from 2½-inch pots, \$2.50 doz.; per 100, \$15.00. A splendid opportunity to get the latest varieties at right prices.

RECENT VARIETIES FRENCH HYDRANGEAS

Baby Bimbinet Dwarf. Silvery rose.
Beaute Vendomoise. White, tinted pink.
****Eclairneur.** Carmine rose. (2½-inch pots only.)
Harmonie. Fringed, white, tinted rose.
La France. Pure white, rosy eye.
La Perle. White, large fringed flowers.
Liberte. Fringed, white shaded light rose.
Louis Mouilliere. Fringed, deep rose pink.

Price of the above recently introduced Hydrangeas (except as noted **):

Doz.	100	Doz.	100	Doz.	100
2½-inch pots..	\$1.50	4-inch pots..	\$3.00	6-inch pots..	\$5.00
	\$10.00		\$20.00		\$35.00

STANDARD VARIETIES FRENCH HYDRANGEAS

Avalanche. White.
Botaniste Peltreau. Pink.
Bouquet Rose. Pink.
Genl. de Vibraye. Bright rose.
La Lorraine. Pale rose pink.
Mme. E. Mouilliere. White.
Radiant. Pink.
Souv. Mad. Chautard. Pink.

Price of Standard Varieties Hydrangeas:

Doz.	100	1000	Doz.	100	Doz.	100	
2½-in. pots..	\$.075	\$5.00	4-inch pots..	\$2.75	\$20.00	6-inch pots..	\$5.00
		\$40.00					\$35.00

Special Offer—Tub Plants, **Hydrangea Otaksa.** 10-in. tubs, \$1.75 each; 12-in. tubs, \$2.75 each.

Special Note—Blue is a color that is not fixed in Hydrangeas. It is controlled sometimes by climatic, and at other times by soil, conditions; we cannot supply blue flowering Hydrangeas.

MICHELL'S

CYCLAMEN SEEDLINGS

We will have ready from February on a choice lot of thrifty seedlings of separate colors: Pink, White, Red, Salmon; not less than 50 seedlings supplied nor less than 25 of a color supplied. \$4.00 per 100; per 1000, \$35.00.

Book your order now.



A Butterfly Type of Cyclamen Bloom

MICHELL'S NEW VERBENAS

These varieties are a remarkable improvement on any that have existed heretofore, everyone of them developed seedlings, type absolutely fixed and true stock being grown from cuttings.

The flower heads are immense with giant individual florets. None of the heads measure less than 3 inches across under normal conditions, while the shades of colors and substance can be duplicated by no other varieties.

Beauty of Oxford. Clear pink. **The Banner.** Variegated pink and red.
Purity. White, fragrant. **Blue Bird.** Blue, white eye.
Perfection. Rose pink, white eye.

Norwood Beauty. Clear rich purple; a magnificent sort.
 Price, 2¼-inch pot plants, \$1.25 per doz., per 100, \$6.00.
 Other varieties, 2¼-inch pots, \$1.00 per doz.; per 100, \$5.00.

GERANIUMS

"HELEN MICHELL"

Semi-Double, of the Clearest Possible Shade of Scarlet, is Early in Bloom, and Flowers Very Freely During the Entire Season



It grows compact medium dwarf, with lustrous green foliage and throws up gigantic flowerheads very freely. We claim it to have the largest flowerheads of any of the Bedding Geraniums. The individual blooms frequently measure 2½ inches across.

From 2½-inch pots, per dozen, 85c.; 25 for \$1.25; \$4.50 per 100; \$40.00 per 1000.

OLDER AND STANDARD VARIETIES OF GERANIUMS

2¼-inch pot plants.

	Doz.	100	1000
Alphonse Ricard. Semi-double scarlet.....	\$0.60	\$3.25	\$30.00
Beaute Poitevine. Semi-double salmon....	.60	3.25	30.00
La Favorite. Single white .....	.60	3.25	30.00
Mrs. E. G. Hill. Single pink .....	.60	3.25	30.00
S. A. Nutt. Double red .....	.60	3.25	30.00

Plants travel best by express. No plants sent C. O. D.

(ht)



Partial View of Michell's Plant Establishment, Andalusia, Pa.

Every florist who has ground around his establishment should plant some varieties of Perennials, especially those kinds which furnish bloom in summer for design and bouquet work.

Michell's Publication—Hardy Perennials and How to Grow Them

An interesting book will be mailed free to applicants. While compiled primarily for the amateur, it makes interesting reading for the experienced florist.

SPECIAL NOTE.—No order for plants that does not aggregate \$1.00 or more will be filled at wholesale prices; such will be charged at retail prices less 10 per cent.

It is not at all surprising that these grand old-fashioned garden flowers are to-day enjoying the greatest popularity; because there is not a time during the spring, summer and autumn in which some hardy perennial is not in bloom. During the past season we have added considerably to our list of varieties, and omitted some which were superseded by better sorts. The soil in our nurseries is especially adapted for producing this class of stock. Give us a trial order in this line, and we feel sure that you will be pleased.

Acanthus (Bears Breech)		Alyssum (Madwort)		Arenaria	
Mollis Latifolius. Rose.....	Doz. \$2.00 100 \$15.00	Rostratum. Golden yellow....	Doz. \$1.25 100 \$8.50	Montana. White	Doz. \$2.00 100 \$15.00
Achillea (Sneezewort)		Anemone (Windflower)		Arabis (Rock Cross)	
Boule de Neige. Pure white...	1.25 8.00	Alba. Pure white	1.20 8.00	Alpina. Pure white	1.25 8.50
Cerise Queen. Rich amaranth.	1.25 8.00	Alice. Brilliant pink	1.75 12.00	Alpina Fl. Pl. Double white...	1.50 10.00
Eupatorium. Brilliant yellow..	1.25 8.00	Coupe d'argent. Double white.	1.75 12.00	Alpina Rosca. Rose pink.....	1.50 10.00
Ptarmica Fl. Pl. ("The Pearl").		Geante Blanche. Single, pure		Armeria (Sea Pink)	
Pure white	1.25 8.00	white	1.75 12.00	Maritima Splendens. Rosy pink.	1.25 8.00
Ptarmica Grandiflora Fl. Pl.		Kriemhilde. Semi-double rose		Maritima Alba. White	1.25 8.00
Very large; pure white.....	1.50 10.00	pink	1.75 12.00	Leucheana Alba. Pure white...	1.50 10.00
Aconitum (Monk's Hood)		Loreley. Mauve pink	1.75 12.00	Leucheana Rosca. Pink.....	1.50 10.00
Autumnale. Purple	1.75 12.00	Prince Henry. Double, rich		Artemisia	
Fischeri. Pale blue	1.75 12.00	pink	1.25 8.50	Abrotanum (Old Man)	1.25 8.50
Lycototum. Pale yellow.....	1.75 12.00	Queen Charlotte. Semi-double		Lactiflora. Creamy white.....	1.75 12.00
Napellus. Dark blue.....	1.75 12.00	pink	1.25 8.50	Pedemontana. Silvery foliage...	1.25 8.50
Napellus Bicolor. Blue and		Rubra. Rosy red	1.25 8.50	Stellariana (Old Woman).....	1.25 8.50
white	1.75 12.00	Lady Ardilaun. Semi-double;		Asclepias (Butterfly Weed)	
Sparks Variety. Dark blue...	1.75 12.00	pure white	2.00 15.00	Incarnata. Rose pink	1.25 8.50
Wilsoni. Violet blue.....	1.75 12.00	Huopenhensis (New). Mauve-		Tuberosa. Orange	1.25 8.50
Adenophora		pink	1.75 12.00	Asters (Hardy)	
Potanini. Light blue	1.25 8.50	Pennsylvanica. White	1.25 8.50	Abendrote (Evening Glow).	
Adonis (Bird's Eye)		Anchusa (Sea Bugloss)		Rosy red	\$1.75 \$12.00
Amurensis. Single yellow		Italica Dropmore. Bright blue..	1.75 12.00	Advance. Clear blue, yellow	
Each, 40c. 4.00		Myosotidaeflora. Rich blue....	2.00 15.00	disc	1.50 10.00
Amurensis Fl. Pl. Double yellow		Opal. Pale blue	1.75 12.00	Amellus (Perry's Pink). Rose.	1.50 10.00
low	Each, 40c. 4.00	Anthemis (Marguerite)		Amellus Preciosa. Dark violet..	1.75 12.00
Vernalis. Yellow	1.75 12.00	Tinctoria. Golden yellow.....	1.00 7.00	Amethystinus. Amethyst blue..	1.50 10.00
Aegopodium (Bishop's Weed)		Aquilegia (Columbine)		Beauty of Colwall. Lavender..	1.50 10.00
Podagraria Variegata. Green		California Hybrids. Mixed....	1.25 8.50	Beauty of Ronsdorf. Lilac rose	1.75 12.00
and yellow variegated foliage	1.50 10.00	Canadensis. Red and yellow...	1.25 8.50	Don. Blue, suffused pink.....	1.75 12.00
Agrostemma (Rose Campion)		Chrysantha. Yellow	1.25 8.50	Ericoides Alba. White; heath-	
Coronaria. Bright crimson.....	1.20 8.00	Chrysantha Alba. White.....	1.25 8.50	er-like foliage	1.50 10.00
Coronaria Alba. White	1.20 8.00	Coerulea. Blue and white; long		Ericoides Superba. Pale blue..	1.75 12.00
Flos Jovis. Deep pink	1.20 8.00	spurred	1.25 8.50	Feltham Blue. Sky blue.....	1.50 10.00
		Erskine Park Hybrids. Mixed.	1.25 8.50	Grandiflorus. Violet	2.00 15.00

Plants travel best by express. No Plants sent C. O. D.

(ht.)

MICHELL'S HARDY PERENNIAL PLANTS

Hardy Asters (Continued)

	Doz.	100
Queen (New). Pure white....	\$2.00	\$15.00
Robert Parker. Lavender....	1.25	8.50
Marjorie Hickman. Silvery mauve	2.00	15.00
Mrs. F. W. Raynor. Rosy red.	1.75	12.00
Nancy Ballard. Rosy lilac....	1.75	12.00
Roscus Superbus. Rose.....	1.75	12.00

Astilbe

Davidii. Violet rose	2.00	15.00
Grandis. White	2.00	15.00

Astilbe Arendsi

Ceres. Lilac rose .....	.30	3.00
Juno. Deep violet .....	.30	3.00
Salmon Queen. Salmon pink..	.30	3.00
Venus. Purplish pink .....	.30	3.00
Vesta. Light lilac rose.....	.30	3.00

Aubrietia (Wall Cress)

Graeca. Deep purple	1.25	8.50
Leichtlini. Bright crimson....	1.25	8.50
Bougainvillei. Purple	1.25	8.50

Baptisia (False Indigo)

Australis. Dark blue	1.50	10.00
Tincoria. Bright yellow.....	1.50	10.00

Bellis Perennis (Daisy)

Monstrosa White .....	.85	6.00
" Pink .....	.85	6.00

Bocconia (Plume Poppy)

Cordata. Creamy white.....	1.25	8.50
----------------------------	------	------

Boltonia (False Chamomile)

Asteroides. Pure white.....	1.25	8.50
Latisquama. Pink, tinted lav- ender	1.25	8.50
Latisquama Nana. Pink, tinted lavender	1.25	8.50

Buddleia (Butterfly Bush)

Variabilis Magnifica. Lilac...	1.50	10.00
--------------------------------	------	-------

Calimeris (Starwort)

Incisa. Pale blue	1.50	10.00
-------------------------	------	-------

Callirhoe (Poppy Mallow)

Involucrata. Crimson, white centre	1.25	8.50
Lineariloba. Crimson and white	1.25	8.50

Caltha (Marsh Marigold)

Palustris. Yellow	1.50	10.00
Palustris Fl. Pl. Double, yel- low	2.00	15.00
Palustris Semi-plena. Semi- double, yellow	2.00	15.00

Carnation

Hardy Border Varieties, mixed.	1.25	8.50
--------------------------------	------	------

Caryopteris (Blue Spiraea)

Mastacanthus. Lavender blue.	1.50	10.00
------------------------------	------	-------

Cassia (American Senna)

Marilandica. Bright yellow....	1.25	8.50
--------------------------------	------	------

Catananche (Everlasting Flowers)

Bicolor. Blue and white.....	1.25	8.50
Coerulea. Bright blue	1.25	8.50

Cedronella

Cana. Pale purple	1.25	8.50
-------------------------	------	------

Centaurea (Perennial Cornflower)

Dealbata. Bright rose	1.25	8.50
Macrocephala. Yellow	1.25	8.50
Montana. Rich violet blue....	1.50	10.00
Montana Alba. Pure white....	1.50	10.00



Hardy Aster

Campanula (Bell Flower)

	Doz.	100
Calycanthema. Pink	\$1.50	\$10.00
" White	1.50	10.00
" Blue	1.50	10.00
Carpatia Coerulea. Clear blue	1.25	8.50
Carpatia Alba. Pure white..	1.25	8.50
Latifolia Macrantha. Lilac and purple	1.25	8.50
Media. Pink	1.50	10.00
" White	1.50	10.00
" Blue	1.50	10.00
Moerheimi. Pure white.....	2.00	15.00
Persicifolia Grand. Coerulea. Blue	1.50	10.00
Persicifolia Grand. Alba. White	1.50	10.00
Pyramidalis Coerulea. Blue...	1.50	10.00
Pyramidalis Alba. White....	1.50	10.00
Rotundifolia. Deep blue.....	1.25	8.50
Trachelium. Purple	1.25	8.50

Cerastium (Mouse Ear)

Tomentosum. Yellow	1.25	8.50
--------------------------	------	------

Chamaepeuce (Blessed Thistle)

Diacantha. Crimson flowers...	1.25	8.50
-------------------------------	------	------

Chelone (Shell Flower)

Glabra Alba. White	1.50	10.00
Lyoni. Soft pink	1.50	10.00
Lyoni Speciosa. Dwarf; light pink	1.50	10.00

Chrysanthemum (Daisy)

Alaska (Shasta Daisy). Pure white	1.50	10.00
Areticum. Pure white	1.50	10.00
Leucanthemum Davisii. Pure white, yellow disc	1.50	10.00
Maximum Vermorensense. White..	1.50	10.00
Maximum King Edward VII. Snow white	1.50	10.00
Nipponicum. White	1.50	10.00

Chrysanthemums

(Pompon Sorts, see page 59)
Early Flowering Sorts, see page 59)

Cimicifuga (Snake Root)

Dahurica. Cream white	\$2.00	\$15.00
Racemosa. Pure white	1.50	10.00
Simplex. White	2.50	17.50

Clematis (Shrubby)

	Doz.	100
Davidiana. Blue	\$1.50	\$10.00
Recta. White	1.75	12.00
Recta Fl. Pl. Double white...	3.00	20.00

Coreopsis

Lanceolata Grand. Yellow....	1.20	8.00
Verticillata. Golden yellow....	1.20	8.00

Coronilla (Crown Vetch)

Varia. Bright pink and white.	1.50	10.00
-------------------------------	------	-------

Delphinium (Larkspur)

(See page 60)

Dianthus (Garden Pink)

Deltioides. Pink	1.25	8.50
Deltioides Albus. White.....	1.25	8.50
Latifolius Atroc. Fl. Pl. Crim- son	1.25	8.50

Dictamnus (Gas Plant)

Caucasica. Rose pink	1.75	12.00
Fraxinella. White	1.50	10.00
Fraxinella. Pink	1.50	10.00

Dielytra (Bleeding Heart)

Formosa. Pink	1.50	10.00
Spectabilis. Pink and white...	1.50	10.00

Digitalis (Fox Glove)

Grandiflora. Yellow	1.20	8.00
Lilac	1.20	8.00
Pink	1.20	8.00
Purple	1.20	8.00
White	1.20	8.00
Lanata. Grayish white	1.20	8.00

Doronicum (Leopard's Bane)

Caucasicum. Bright yellow....	1.50	10.00
Clusii. Rich yellow	1.50	10.00
Plantagineum Excel. Orange..	1.50	10.00

Echinops (Globe Thistle)

Ritro. Blue	1.50	10.00
Ruthenicus. Blue	1.50	10.00
Sphaerocephalus. White	1.50	10.00

Edelweiss (Alpine Plant)

Leontopodium. Grayish white.	2.00	15.00
------------------------------	------	-------

Epimedium (Bishop's Head)

Alpinum. Reddish violet.....	1.75	12.00
Bicolor. Red and yellow.....	1.75	12.00
Nivum. Pure white	1.75	12.00
Sulphureum. Sulphur yellow..	1.75	12.00

Eremurus

Himalaicus. White. Each, 85c.	
Robustus. Peach colored. Each, 85c.	

Erigeron (Flea Bane)

Grandiflorus Elatior. Lilac...	2.00	12.50
Intermedium. Pink	2.00	12.50

Erinus

Alpinus Carmineus. Rose.....	1.25	8.50
Alpinus Albus. White	1.25	8.50

Eryngium (Sea Holly)

Amethystinum. Amethyst-blue.	1.75	12.00
Planum. Light blue	2.00	15.00

Eupatorium

Ageratoides. Blue	1.25	8.50
Coelestinum. Light blue	1.25	8.50
Purpureum Maculatum. Pur- ple	1.25	8.50

Euphorbia (Milkwort)

Cyparissias. Bright yellow....	1.50	10.00
Polychroma. Yellow	1.75	12.50
Corollata. White	1.25	8.50

MICHELL'S HARDY CHRYSANTHEMUMS

59

"THE QUEEN OF AUTUMN FLOWERS"

We make a specialty of these, our collection consisting of the very best sorts

No class of flowering perennials adds such a wealth of color and bloom in autumn to the garden as these. The plants are literally covered with flowers from the middle of September till the snow buries them.

EARLY FLOWERING VARIETIES. In front of varieties of this class we have prefixed the letter (E), and probably should state here that these are not dependably hardy in our climate, even though protected when left outdoors in the winter.

Those who are not yet acquainted with this type of Chrysanthemum, on seeing them for the first time, will realize at once their wondrous beauty and free-flowering qualities. Although they are principally cultivated as an outdoor plant, they respond wonderfully when grown inside.

They are chiefly conspicuous by the fact that some varieties commence to bloom as early as August and continue in flower until cut down by severe frost. The blooms of most kinds measure as much as 3½ to 4 inches across, and if disbudded form handsome specimen blooms on long stems, admirably adapted for decorative purposes. We predict that when these become better known they will entirely supersede the smaller type of hardy "mums" now in general use.

SUGGESTION.—While generally conceded to be hardy, we recommend a slight protection of long straw manure over the roots of all hardy Chrysanthemums during the winter months, or, better yet, after they have finished blooming cut the plants down, lift them and place in a cool cellar (light and airy) or in a cool frame and set out in the spring.

Aaron. Bronze Scarlet with bright yellow centre; single.

(E)—**Almirante** (*New*). Orange buff at base of petals; shading to primrose yellow at edge of petals; a large, fine flower which, when disbudded, is often 6 inches across.

Baldwin's Scarlet. As the name implies, this is the nearest approach to scarlet in color that has so far been produced.

(E)—**Blanche Neige** (*New*). Pure white, a splendid flower; excellent for cutting; greatly recommended; September-October; 2½ feet.

Bronze Source d'Or. One of the so-called decorative varieties. Larger than the Pompon type, is excellent for cutting in sprays or for growing pots. Color, a deep golden bronze.

(E)—**Champagne.** Rich, ruby red; of wonderful free-flowering habit. It is among the later varieties, starting to flower early in October and lasting until mowed down by frost.

(E)—**Chafillon** (*New*). Citron-yellow with a slight reddish tinge, which gives the flower a charming appearance. Very vigorous grower. September-October.

(E)—**Cranfordia.** We can strongly recommend this variety for cutting. It is perfect in flower, stem and foliage. Very free flowering; color lemon yellow.

(E)—**Cranford's Pink.** An exquisite shade of mallow pink. The plant has a stiff branching habit. When cut in long sprays, it is a wonderful sight. Early October.

(E)—**Cranford's Yellow** (*New*). A magnificent golden yellow; flowering in October; a strong flower and very free.

Delicata. Large flowered, free bloomer, cameo pink.

Elva. The most beautiful of white Pompons, pure in color and of full, fluffy form.

(E)—**Ethel Blades.** A distinct shade of chestnut red, in fact the color is so unique that it is difficult to appreciate, unless one actually sees it in bloom.

Excelsior. Large flower, bright orange yellow, long stems.

Eleganta. Deep pink, shaded white, medium size flowers; medium height, early flowering.

Fairy Queen. Clear pink in color with nicely formed flowers; medium size. A very fine mid-season variety.

(E)—**Goachers Crimson.** This variety grows about 2½ feet high. When disbudded, the rich crimson blooms are often 5 inches in diameter. It begins to bloom early in September.

Golden Climax. Orange yellow. The finest of the many yellows, possessing every necessary qualification. Blooms November 10th to 20th; very free and long stem.

Golden Harvest. A medium-sized variety of the button type. Deep golden yellow with a tinge of bronze, a color which, when finished, is very pleasing.

Golden West. A duplicate of the yellow baby, except it is twice as large. Rather compact in growth, but an excellent variety for pot plants.

Irene. Pure white, shaded flesh, dwarf grower, very free and early bloomer, also excellent for pot plants.

Iva. Small flowers of deep bronze, mid-season. One of the freest flowering varieties we have.

Julia Lagravere. Crimson maroon in color, and very late; best variety in its color; produces fine sprays for cutting.

(E)—**La Garance** (*New*). Reddish salmon, tinted old rose; very free, large flowering; 2 feet; September-October.

Leota. Delicate pink with bright rose reverse which gives the effective bright centre in each bloom if cut a few days before fully developed; dwarf habit.

Lillia. Tall, stiff stems, good size flowers, freely produced, deep red in color, excellent for cut sprays.

Lillian Doty. The finest pink in the large-flower section of the entire Pompon family. The plant is a tremendous grower, producing beautiful sprays of clear light pink flowers.

Lyndhurst. Small flowers, very deep red, mid-season; a splendid outdoor variety in its color.

(E)—**Marie Dufour.** Grows one foot high; is absolutely snow-white in color. The showiest variety for use as a border and makes an ideal pot plant.



Cranford's Pink

(E)—**Martin Reed** (*New*). Pure yellow sport from Perle Chatilonaise. The best early flowering yellow yet offered; single flower.

Miss Mary Pope. Pale pink, very large single flowers, one of the best.

Mrs. W. E. Buckingham. In color a brilliant shade of rose pink, a vigorous grower; single flower.

Nesco. Old rose in color, maturing about October 20th. Flower of button type. As a producer, Nesco has shown it is one of the best.

Nippon. This Pompon makes an ideal pot plant, being short-jointed and bushy in growth, forms a perfect plant with practically no pinching. Color, flesh-white, with light yellow centre. Also one of the best outdoor varieties. Season of flowering first week in November.

Nordi. A pure white Pompon, maturing November 10th to Thanksgiving. Seven to eight medium-sized flowers to the spray with strong wiry stems.

(E)—**Normandie.** Delicate pink of a lovely shade. One of the earliest, beginning in August and lasting well into October.

Orange Pet. Pretty shade of orange terra-cotta; flowering the early part of October.

Overbrook. Very free flowering; golden yellow; button type; early.

Pink Beauty. Rose pink flowers of medium size.

(E)—**Provence.** Beautiful rose color, with a golden centre, forming a large imbricated bloom; of splendid branching habit and a vigorous grower; September-October; 2½ feet.

PRICES OF HARDY CHRYSANTHEMUMS

All varieties marked (E) or Early Flowering sorts, doz., \$1.25; \$8.00 per 100. All other sorts, 15c. each; dozen, \$1.00; \$6.00 per 100.

Plants travel best by express. No plants sent C. O. D.

(ht)

Michell's Gorgeous Hardy Delphiniums

AN IMPORTANT SUMMER CUT FLOWER WITH THE PROGRESSIVE FLORIST

Every florist who has a hardy garden or an unoccupied space in the flower garden should plant some Delphiniums. The wonderful display they make through the entire summer, until frost checks them, is hard to describe; in fact, it must be seen to be appreciated. Hardy Larkspurs play an important part in all perennial plantings. In order to keep Larkspurs in bloom continuously during the summer, cut the old flower stems off, after they have faded, and new shoots will produce flower heads successfully. To get the best out of hardy Larkspurs in the way of flowers, feed them occasionally during the growing season with an application of ground bone.

Bella Donna. The freest and most continuous blooming of all. The clear turquoise-blue flowers are not surpassed by any other variety. Doz., \$1.75; \$12.50 per 100.

Belladonna Semi-Plena. The finest of all light blue Larkspurs. The majestic spikes are covered with flowers of gigantic size, the latter appearing in several rows on the stem. 20c. each; doz., \$2.00; \$15.00 per 100.

Capri. The origin of this variety is from the same source as the wonderful sort Moerheimi, to which it is an elegant companion. The immense sky blue flowers are a rich attraction. It is a free and continuous bloomer. Extra strong plants. Doz., \$3.00; \$22.50 per 100.

Chinense Album. Same as below in white. Doz., \$1.25; \$8.00 per 100.

Chinense Azureum. Plants grow but 2 feet tall, branch freely, each branch terminating with a loose spray of single flowers; color, a deep clear blue. Doz., \$1.25; \$8.00 per 100.

Formosum. Dark blue, white centre, spikes 3 to 4 feet tall, vigorous; free blooming. Doz., \$1.25; \$8.00 per 100.

Formosum Coelestinum. Most beautiful heavenly blue, immense flowers. Doz., \$1.25; \$8.00 per 100.

Hugo Poortman (New). Enormous semi-double flowers of a beautiful pale blue color. 35c. each; doz., \$3.50.

Johannesburg. Semi-double; delicate sky-blue with rose sheen; tall growing; free bloomer. 35c. each; doz., \$3.50.

King of Delphiniums. Remarkably strong, vigorous plants with flowers of gigantic size, semi-double, deep blue with white eye. 35c. each; doz., \$3.50.

K. Th. Caron. Bright gentian blue, with white centre; the white eye is very prominent and distinct. \$2.50 doz.; per 100, \$20.00.

La Martine. The single, dark blue flowers are densely arranged on tall, erect stems. It is one of the most decorative of the hardy Larkspur. Doz., \$2.00; \$14.00 per 100.

Lilacina. Splendid variety; rosy lilac, with white centre. 35c. each; doz., \$3.50.

Lizzie. Fine, tall, well-branched; spikes of single flowers, often 2 inches across; color azure blue, with a distinct yellow eye. Doz., \$2.50; \$20.00 per 100.

Moerheimi. The only real pure white hardy Larkspur. It grows 3 to 4 feet high, and flowers continuously from June until autumn, and produces more spikes on a single plant than any other variety. The side stems themselves are often over two feet long. These qualities make it one of the best varieties for cutting. The flowers are of the purest white. 25c. each; doz., \$2.50; \$17.50 per 100.

Mrs. Thompson. Deep blue flowers, each with a large, white eye. It blooms with wonderful freedom and produces spikes of medium length, with dense flower heads. 25c. each; doz., \$2.50; \$14.00 per 100.

Nassau. The flower heads appear all season uninterruptedly, the individual single blooms are very large, often 2 inches across; the shade is a clear heavenly blue. The plant grows frequently 4½ to 5 feet high and is very stately. 25c. each; doz., \$2.75; \$20.00 per 100.

Persimmon. Of handsome form, with strong, erect spikes of large, single flowers of a lovely sky blue shade, with a creamy white eye; a real improvement on Belladonna. Doz., \$2.50; \$20.00 per 100.



Delphinium "King of Delphiniums"

Queen Wilhelmina. A variety of great merit and a recent introduction. The gigantic flower spikes are laden with light lavender-blue flowers, which are shaded rose. A distinct white eye in each floret sets it off wonderfully. 25c. each; doz., \$2.50; \$20.00 per 100.

Theodora. The flower is a real azure blue; the individual blossoms are loosely arranged on tall, erect spikes; a very fine variety. On account of its distinct shade of blue it will be appreciated by all who are fond of hardy Larkspurs. 20c. each; doz., \$2.00; \$14.00 per 100.

Gold Medal Hybrids, Mixed. No finer strain has ever been produced; the plants we offer are a re-selection from a choice collection. Doz., \$1.50; \$10.00 per 100.

Michell's Superb Hybrids. These are the cream of seedlings from a famous strain of English varieties, comprising all the shades of blue. \$2.00 doz.; per 100, \$15.00.

Ferns (Hardy)

	Doz.	100
Adiantum Pedatum	\$1.75	\$12.00
Aspidium Acrostichoides	1.50	10.00
" Cristatum	1.75	12.00
" Marginale	1.50	10.00
" Thelypteris	1.50	10.00
Dicksonia Punctilobula	1.50	10.00
Onoclea Sensibilis	1.50	10.00
Onoclea Struthiopteris	1.75	12.00
Osmundi Claytonia	1.75	12.00
Osmundi Cinnamomae	1.75	12.00
Osmundi Regalis	1.75	12.00
Osmunda Gracilis	1.75	12.00
Polystichum Vulgaris	1.75	12.00

Feverfew (Matricaria)

Little Gem. Double white.....	1.20	8.00
-------------------------------	------	------

Funkia (Day Lily)

Coerulea. Light blue	1.25	8.50
Lanceolata. Lilac	1.50	10.00
Minor Alba. White	1.50	10.00
Robusta Elegans Variegata. Variegated foliage	1.25	8.50
Subcordata Grandiflora. Pure white	1.50	10.00
Undulata Media Picta. Varie- gated foliage	1.50	10.00

Gaillardia (Blanket Flower)

Grandiflora. Orange yellow....	1.20	8.50
--------------------------------	------	------

Galega (Goat's Rue)

Hartlandi. Blue and white varie- gated foliage	1.25	8.50
---	------	------

Gentiana (Gentian)

Andrewsi. Bright blue	1.50	10.00
-----------------------------	------	-------

Geranium (Crane's Bill)

Grandiflora. Violet blue	1.25	8.50
Platypetalum. Rosy purple... ..	1.25	8.50
Sanguineum. Bright crimson... ..	1.25	8.50

Geum (Avens)

Coccineum. Rich scarlet.....	1.50	10.00
Mrs. Bradshaw. Double scarlet	1.75	12.00
Miniatur Perry's Variety. Or- ange	2.50	17.50

Gillenia

Trifoliata. Rosy white	2.00	15.00
------------------------------	------	-------

Grasses (Ornamental)

Arundo Donax	1.75	12.00
" Variegata	2.00	15.00
Elymus Glauca	1.75	12.00
Erianthus Ravennae	1.20	8.00
Eulalia Gracilis Univittata....	1.20	8.00
Eulalia Japonica	1.20	8.00
Eulalia Japonica Variegata....	1.25	8.50
Eulalia Japonica Zebrina....	1.25	8.50
Gynerium Argenteum	2.00	15.00
Pennisetum Japonicum	1.50	10.00
Phalaris Arund. Variegata....	1.25	8.50

Gypsophila (Baby's Breath)

Cerastioides. White marked pink	1.50	10.00
Paniculata. White	1.20	8.00
Paniculata Fl. Pl. Double white	2.50	17.50
Repens. Small, white	1.50	10.00

Helenium (Sneezewort)

Autumnale Rubrum. Terra- cotta red	1.50	10.00
Autumnale Superbum. Golden yellow	1.50	10.00
Hoopesi. Orange yellow.....	1.50	10.00
Pumilum Magnificum. Golden yellow	1.50	10.00
Riverton Beauty. Lemon yel- low	1.50	10.00
Riverton Gem. Old gold, chang- ing to wallflower red.....	1.50	10.00

Helianthemum (Rock or Sun Rose)

	Doz.	100
Mixed. All colors	\$1.50	\$10.00

Helianthus (Sunflower)

Multiflorus Fl. Pl. Double yel- low	1.25	8.50
Orygalis. Yellow	1.25	8.50
Rigidus Miss Mellish. Yellow.	1.25	8.50
Rigidus. Yellow	1.25	8.50

Heliopsis (Orange Sunflower)

Gratissima. Ochre yellow	1.50	10.00
Excelsa. Double yellow.....	1.50	10.00
Pitcheiana. Golden yellow....	1.20	8.00
Seabra Zinniaeflora. Orange..	1.50	10.00

Helleborus (Christmas Rose)

Niger. White	2.50	20.00
--------------------	------	-------

Hemerocallis (Day Lily)

Aurantiaca. Orange yellow....	2.00	15.00
Aurantiaca Major. Orange....	2.00	15.00
Dr. Regal. Rich apricot.....	1.50	10.00
Dumortieri. Yellow, shaded bronze	1.25	8.50
Flava. Light yellow	1.20	8.00
Florham. Golden yellow	1.75	12.50
Fulva. Orange	1.20	8.00
Kwanso Fl. Pl. Coppery red..	1.20	8.00
Queen of May. Indian yellow..	2.00	15.00
Sovereign. Chrome yellow....	2.00	15.00



Hemerocallis

Hieracium

Aurantiacum. Deep orange....	Doz. \$1.25	100 \$8.50
------------------------------	-------------	------------

Hollyhocks

Double Canary Yellow	1.75	12.00
" Crimson	1.75	12.00
" Maroon	1.75	12.00
" Newport Pink	1.75	12.00
" Pink	1.75	12.00
" Salmon Pink	1.75	12.00
" White	1.75	12.00
" Mixed	1.50	10.00

Hypericum (St. John's Wort)

Adpressum. Fine for ground cover	1.50	10.00
Moserianum. Golden yellow... ..	1.50	10.00
Patulum Var. Henryi. Yellow..	2.50	17.50

Iberis (Hardy Candytuft)

Sempervirens. Pure white.....	1.20	8.00
Sempervirens Snowflake. An im- proved form of the above....	1.50	10.00

Incarvillea (Hardy Gloxinia)

Delavayi. Deep pink	1.50	10.00
Grandiflora. Bright pink.....	1.50	10.00

Iris Germanica

Dr. Bernice. Bronze and crim- son	1.50	10.00
Eugene Sue. White, spotted blue	1.00	7.00
Florentina Alba. White.....	1.50	10.00
Gloire de Hillegom. Blue....	1.00	7.00
Grachus. Crimson and white..	1.00	7.00
Gypsy Queen. Lavender.....	1.00	7.00
Her Majesty. Rosy lilac.....	1.50	10.00
Honorabilis. Yellow and bronze	1.00	7.00
Innocenza. White	1.00	7.00
Kharput. Deep blue	1.00	7.00
Laura. Rich purple and white.	1.50	10.00
Leonidas. Mauve	1.00	7.00
Mad. Chereau. White and blue.	1.00	7.00
Mixed. All colors .....	.60	3.00
Mrs. G. Darwin. White, gold and violet	1.50	10.00
Mrs. H. Darwin. White and violet	1.00	7.00
Mrs. G. Ruethie. White, shaded gray	1.00	7.00
Mrs. Neubronner. Deep yellow	1.50	10.00
Nuce d'Orange. Bronze	1.50	10.00
Ossian. Yellow and violet....	1.50	10.00
Pallida Dalmatica. Lavender..	1.75	12.50
Queen of May. Light pink... ..	1.00	7.00

For other Iris, see page 62



Helenium

Hepatica (Liver Leaf)

Triloba. Blue	Doz. \$1.50	100 \$10.00
---------------------	-------------	-------------

Hernieria (Turk's Herb)

Glabra. Yellowish green.....	1.50	10.00
------------------------------	------	-------

Hesperis (Rocket)

Matronalis. Pink flowers; 3 to 4 feet	1.20	8.00
Matronalis Alba. White	1.20	8.00

Heuchera (Alum Root)

Rosea. Light rose	1.75	12.50
Sanguinea. Bright scarlet....	1.75	12.50
Sanguinea Alba. Creamy white	1.75	12.50
Zabelliana. Pale pink	1.75	12.50
Gracillima Perry's Var. Rosy crimson	3.00	22.50

Hibiscus (Mallow)

Crimson Eye. White, crimson eye	1.25	8.50
Moscheutos Roseus. Light rose	1.25	8.50
New Giant Marshmallows. Greatly improved form; in three separate colors; red, pink and white	1.20	8.00

Plants travel best by express. No Plants sent C. O. D.

(ht)

MICHELL'S HARDY PERENNIAL PLANTS



Lupinus Polyphyllus

Iris Kaempferi (Japan Iris)

Double or Six-Petaled Varieties

These may be ordered by number or name.

- 12. Gosetsu-Mai. White veined and traced blue.
 - 43. Usho-No-Komure. Violet.
 - 9. Ho-O-Jo. Crimson purple.
 - 8. Mana-zura. Very large; white with blue lines.
 - 13. Omega-shina. Royal purple, white veins.
 - 14. Renjo-no-toma. Frilled petals white centre.
 - 10. Geishoi. Crimson purple.
 - R6. Tokyo. Double pure white.
 - Single or Three-Petaled varieties
 - 30. Gekko-no-nami. Early pure white.
 - 11. Kan-ran. White, lightly suffused.
 - 21. Kimi-no-Megumi. White densely veined purple.
 - 27. Shippo. Light lilac veined purple.
 - 25. Yomo-Zakura. Light ground, densely suffused purple.
 - 20. Yayaura. White, marbled violet.
- Price of any of the above-named Japan Iris, doz., \$1.75; \$12.00 per 100; per 1000, \$100.00.
- Japanese Iris, Mixed Colors. \$1.20 per doz.; per 100, \$7.00.

Iris Interregna

	Doz.	100
Ceres. White	\$1.50	\$10.00
Charmant. Silver white.....	1.50	10.00
Walhalla. Blue	1.50	10.00

Iris Pumila (Shrubby Iris)

Die Braut. White	1.00	7.50
Lutea. Yellow	1.00	7.50
Violaeca. Deep blue	1.00	7.50

Iris Siberica

Orientalis. Deep blue	1.25	8.50
Snow Queen. Pure white.....	1.25	8.50
Orientalis Distinction. Violet blue; white falls.....	1.50	10.00

Inula (Flea Bane)

Ensifolia. Golden yellow.....	1.50	10.00
Glandulosa Grandiflora. Bright golden	1.25	8.50
Royleana. Deep yellow.....	1.25	8.50

Lavendula (Lavender)

	Doz.	100
Vera	\$1.50	\$10.00

Liatris (Blazing Star)

Pycnostachia. Rosy purple....	1.20	8.00
Scariosa. Deep purple.....	1.20	8.00

Lily of the Valley

Clumps for outdoor planting...	2.25	16.00
--------------------------------	------	-------

Linum (Flax)

Perenne. Blue	1.25	8.50
Perenne Album. White.....	1.25	8.50

Lobelia

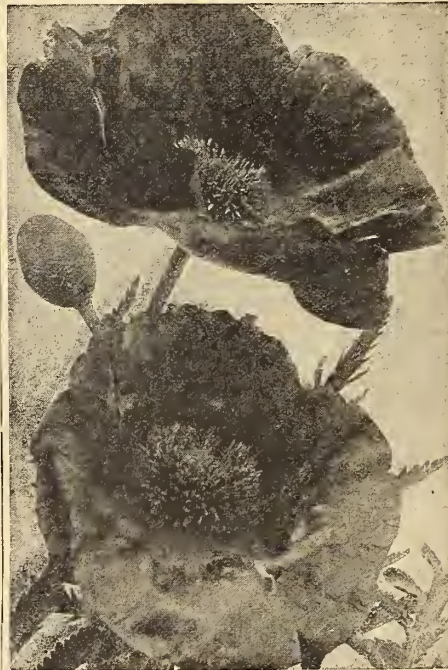
Cardinalis. Cardinal red....	1.20	8.00
Syphilitica Hybrida. Mixed...	1.20	8.00

Lupinus (Lupins)

Moerheimi. Pink	2.50	18.00
Polyphyllus. Blue	1.75	12.50

Lychnis (Campion)

Chalcedonica. Orange scarlet..	1.25	8.50
Chalcedonica Alba. White....	1.25	8.50
Haageana Hybrida. Orange and scarlet	1.25	8.50
Vespertina. Double white....	1.75	12.50
Viscaria. Double red	1.25	8.50
Viscaria Alba Grandiflora. Double white	3.00	22.50



Oriental Poppy (See page 65)

Lysimachia

	Doz.	100
Clethroides. White	\$1.25	\$8.50
Mummularia (Creeping Jenny). ..	1.25	8.50
Ciliata. Yellow	1.25	8.50

Lythrum (Loosestrife)

Alatum. Crimson purple.....	1.50	10.00
Brightness. Pink	1.50	10.00
Roseum Superbum. Rich pink. ..	1.25	8.50
Rose Queen. Pink	1.50	10.00

Matricaria (Feverfew)

Little Gem. Pure white.....	1.20	8.00
-----------------------------	------	------

Mertensia (Blue Bells)

Virginica. Light blue	1.50	10.00
-----------------------------	------	-------

Monarda (Bergamot)

	Doz.	100
Didyma Cambridge Scarlet. Brilliant scarlet	\$1.25	\$8.50
Didyma Salmonea. Salmon rose	1.25	8.50
Fistulosa Alba. White	1.25	8.50
Violaeca Superba. Amaranth..	1.25	8.50

Montbretia (Bulbs)

Resemble somewhat the gladiolus, but in a miniature form. The flower-spikes are very brilliant and produced in quantity. The bulbs should be slightly protected during the winter; height, 2 feet. They should be planted in clumps of 50 or 100 bulbs. Fine as a delicate cut bloom.

	Doz.	100
Aurantiaca. Deep golden yellow	\$0.25	\$1.50
Crocsmiaeflora. Scarlet and yellow .....	.25	1.50
Etoile de Feu. Vermilion, yellow centre .....	.25	1.50
Germania. Orange scarlet....	.30	1.75
Pottsii. Large, orange scarlet..	.25	1.50
Rayon d'Or. Light yellow, spotted brown .....	.25	1.50
Speciosa. Golden yellow.....	.25	1.50

Myosotis

	Doz.	100
Alp. Victoria. Blue	\$0.85	\$6.00
" Grandiflora. Blue .....	.85	6.00
Dissitiflora. Blue .....	.85	6.00

Nierembergia (Cup Flower)

Rivularis. Cream white.....	1.20	8.00
-----------------------------	------	------

Oenothera (Evening Primrose)

Eldorado. Double yellow.....	1.25	8.50
Fraseri. Deep yellow.....	1.25	8.50
Fruticosa Pallida. Cream white	1.25	8.50
Missouriensis. Golden yellow..	1.25	8.50
Speciosa. Pure white	1.25	8.50
Youngii. Rich lemon	1.25	8.50

Ononis

Hircina. Pink	1.50	10.00
---------------------	------	-------

Orobus (Bitter Vetch)

Lathyroides. Bright blue.....	1.75	12.50
Superbus. Light blue	1.75	12.50
Vernus. Purple	1.75	12.50



Dianthus or Hardy Pinks (See page 66)

MICHELL'S GORGEOUS PAEONY ROOTS

We send out extra strong Paeony roots

Paeonies are rapidly coming to the foreground and are now considered by the florists an indispensable cut flower. A collection of Paeonies constitutes a most valuable asset, steadily increasing in value from year to year. Paeonies as cut flowers, always demand a good price and yield a very profitable income from the investment. For home and table decorations they are exceedingly effective, and last in water longer than most other flowers. For social functions, weddings and church decorations there is nothing more suitable. Festiva Maxima and Officinalis types are usually ready in the latitude of Philadelphia by Decoration Day. The flowering period of others is carried through the month of June. Paeonies require, after planting, practically no attention except a top dressing of well-rotted manure in the late autumn.

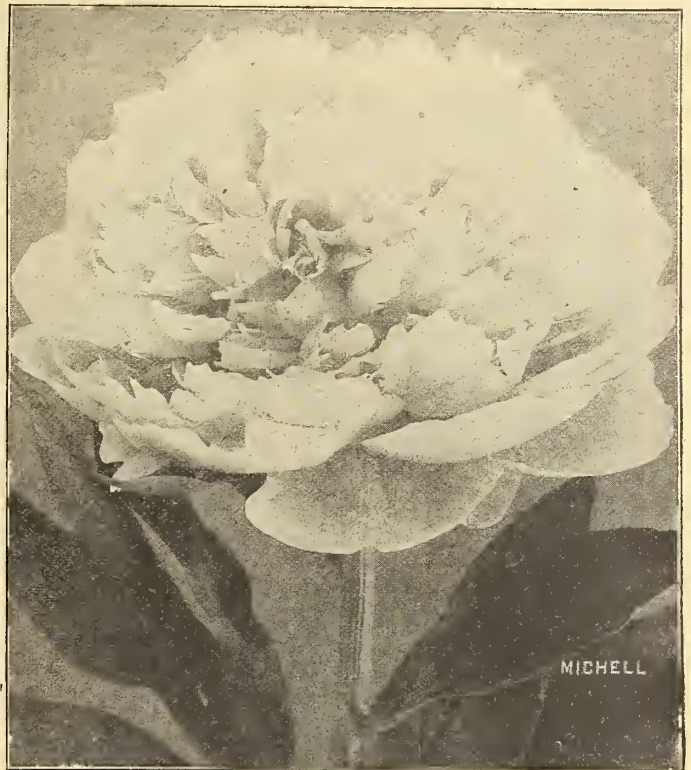
Be Progressive; Plant Paeonies.

WHITE AND LIGHT SHADES

Agnes Mary Kelway. White tinted rose, while the centre is cream. Early.....	Doz. 100	\$2.25	\$16.00
Alba Plena. A giant flower of the purest white; very double. Of superb fragrance. Mid-season..	1.75	12.00	
Boule de Neige. Pure white, very fine variety....	2.00	15.00	
Candidissima. Creamy white, with a clear, sulphur-yellow centre. Occasionally tinted flesh-pink. Early	2.00	15.00	
Couronne d'Or. Immense ball-shaped form; snowy white with yellow reflex and deep pink edges. Late	3.00	22.50	
Duc de Wellington. Large, sulphur-white flower of great fragrance and with long stems. Late....	2.00	15.00	
Duchesse de Nemours. Pure white, with a sulphur-white centre; very early and extra fine. Early	1.75	12.00	
Festiva Maxima. Beautifully shaped flower, often 7 to 8 in. in diam. Pure white, splashed red. Late	2.50	18.00	
La Rosiere. Yellowish white, with straw yellow centre. Looks like a large tea rose. Mid-season..	2.50	17.50	
Queen Victoria. Pure white, creamy centre. Mid-season	1.75	12.00	
Zoe Calot. Pure white, suffused rose; very fine. Mid-season	2.25	16.00	

PINK SHADES

Asa Gray. Bright lilac. Mid-season.....	3.00	20.00	
Achille. Beautiful shell-pink, changing to lilac-white. Splendid variety. Early.....	1.75	12.50	
Beaute Francaise. Lilac-rose, with a cream-white collar; centre spotted carmine. Very fragrant. Mid-season	2.00	15.00	
Berlioz. Perfect form. Large, magenta rose color; silver tipped. Late.....	2.00	15.00	
Carnea Elegans. Of a clear flesh color; free-flowering. Mid-season	2.00	15.00	
Charlemagne. Large-flowering. Lilac-white, with a light pink centre. Late.....	1.75	12.50	
Clarisse. Beautiful rose-pink, with silvery pink centre; fine form and habit. Mid-season.....	2.00	15.00	
Delicatissima. Pale lilac rose, free and fragrant. Mid-season	2.00	15.00	
Dr. Bretonneau. Lilac-rose, with cream-white centre, flecked crimson. Mid-season.....	2.00	15.00	
Duc de Cazes. Bright pink, silvery reflex. Early.	2.00	15.00	
Edulis Superba. Beautifully shaped, bright mauve pink. One of the very best early sorts.....	2.75	20.00	
Eugene Verdier. Giant globe-shaped flower of a soft pink color. Late.....	4.00	30.00	
Faust. Delicate flesh pink, with salmon centre. Mid-season	1.75	12.50	
Grandiflora Rosea. Full globe-shaped flower, light solferino red petals, salmon centre. Mid-season..	2.00	15.00	
Lady Bramwell. Silvery rose. Mid-season.....	2.25	16.00	
L'Indispensable. Perfectly shaped; a delicate cream color shaded pink in centre. Mid-season...	2.50	17.50	
Marie Lemoine. Very large, compact flower of lasting qualities. Delicate white rose, creamy centre. Late	2.00	15.00	
Mme. Forel. Very large compact flowers, light with a silvery-tipped centre. Late.....	3.25	25.00	
Mons. Krelage. Grand flowers of a dark pink color. Large and compact. Late.....	2.50	17.50	
Mme. Leonie Calot. Delicate rosy white, centre petals slightly tipped carmine. Mid-season....	2.75	20.00	
Mons. Jules Elie. Lilac-rose. Mid-season.....	3.50	25.00	



Paeony Candidissima

RED AND DARK SHADES

Anemoneflora Rubra. Anemone form; a beautiful dark crimson. Mid-season.....	Doz. 100	\$2.00	\$15.00
Delachi. Large flowers of a deep purple color; free. Late	2.00	15.00	
Felix Crousse. Large, bright-red flowers on long stems. Extra fine, self-colored variety. Mid-season	3.50	25.00	
General MacMahon. Large anemone-shaped flower of a deep violet color. Magnificent variety. Mid-season	3.25	22.50	
L'Eclatante. Globular flower, brilliant red. Mid-season	2.00	15.00	
Louis van Houtte. A rich shade of crimson maroon; an exceptionally fine, large flower. Late	1.75	12.50	
Meissonier. Loose reddish-purple flowers on tall stems. Very fragrant. Mid-season.....	2.00	15.00	
Tenuifolia. Rich, red feathery foliage. Very early	2.00	15.00	
Victor Hugo. Brilliant carmine red. Unsurpassed for cutting. Late	4.00	30.00	

PAEONIES TO COLOR

These colors are made of named sorts in mixture under the respective colors and are splendid value.

Double Pink. Large roots	Doz. 100	1000
" Red. Large roots	1.25	\$8.00 \$75.00
" White. Large roots	1.25	8.00 75.00

PAEONY OFFICINALIS

(The old-fashioned Paeony)

Fragrant flowers of immense size, flowering in May and having a distinct foliage and growth.

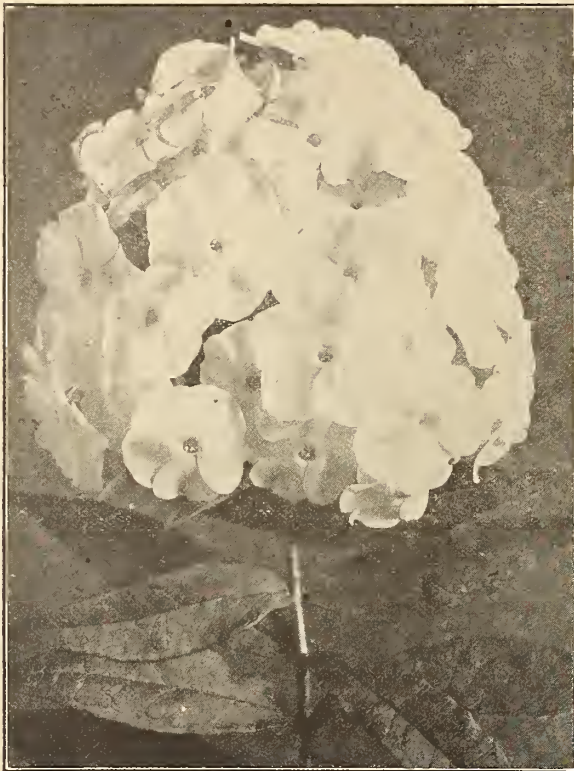
Alba (Mutabilis). Double white	Doz. 100	1000
Rosea. Double pink	1.50	\$10.00 \$90.00
Rubra. Double red	1.25	9.00 80.00

CULTURAL NOTE ON PAEONIES

Autumn or during April is one of the best times for planting. The soil should be well enriched with well-rotted manure. The roots should be set about 3 feet apart in rows, the latter 4 feet apart, to enable them to be cultivated with horse machines. The crowns should not be set more than 4 inches below the top of the soil; deeper planting may mean fewer flowers, sometimes none. Cultivate them freely, prior to and after the flowering season.

Michell's Superb Hardy Phloxes

Our stock of these is unusually fine. We have endeavored to embrace in our list the very best sorts. A visit to our nurseries in September and October presents a marvelous sight in beauty and color.



Phlox Elizabeth Campbell

	Doz.	100
Africa. Rich purple, suffused crimson.....	\$1.50	\$10.00
Asia. Rich mauve; very distinct	1.50	10.00
Baron v. Dedem. Deep pink, suffused orange.....	.85	5.00
B. Comte. Brilliant rich purple.....	.85	5.00
Braga. Rich lilac rose	1.50	10.00
Crepuscule. Deep crimson, shaded rosy lilac.....	1.50	10.00
Eclaireur. Carmine, with rosy-salmon centre.....	.85	5.00
Electra. Brilliant red, shaded dark.....	2.25	15.00
Europa. Blush white, deep pink centre.....	1.00	6.00
Elizabeth Campbell. Delicate pink, white eye.....	1.25	7.50
Eugene Danzanvilliers. Delicate lavender .....	.85	5.00
Frau Anton Buchner. Very large, pure white.....	.85	5.00
Frithjof. Light violet, without eye	2.25	15.00
Fantasy (Suffr.). Rosy mauve	1.50	10.00
Gefion. Peachblossom pink, bright rose eye.....	1.25	7.50
Grideur. Soft rosy mauve, suffused cerise.....	1.25	7.50
General von Heutz. Salmon scarlet, lavender eye... ..	.85	5.00
Goliath. Bright cerise, with deep eye.....	.85	5.00
Hervor. Soft rich pink, with a white eye.....	1.50	10.00
Indian Chief (Suffr.). Dark purple	1.50	10.00
Iris. Deep reddish violet	2.00	12.50
Jules Sandeau. Pure pink	2.25	15.00
Jeanne d'Arc. Pure white; late flowering.....	.85	5.00
Lofna. Soft rosy lilac	2.25	15.00
Loki. Salmon pink, carmine eye	2.00	12.50

SPECIAL NOTE.—Prices quoted on this page are for strong one-year-old field grown plants; this stock cannot usually be shipped later than June 1st, depending on the season. After that date, we fill orders where field grown plants cannot be supplied with strong 3-in. pot plants.

	Doz.	100
Le Mahdi. Royal deep purple	\$.85	\$5.00
Mme. Paul Dutrie. Delicate soft pink .....	.85	5.00
Minerva. Lilac rose, bright carmine eye.....	2.25	15.00
Miss Lingard (Suffr.). White, lilac eye	1.25	8.50
Mrs. Greenlees (Suffr.). White, rosy centre.....	1.25	8.00
Mrs. Jenkins. Pure white .....	.85	5.00
Matador. Cherry red, crimson eye .....	.85	5.00
Montagnard. Dark purple claret .....	.85	5.00
Professor Virchow. Bright carmine, shaded orange..	1.50	10.00
Rheinlander. Deep salmon pink, bright red eye.....	1.00	6.00
Tapis Blanc. One of the best white	1.50	10.00
Von Lassburg. Clear white .....	.85	5.00
W. C. Egan. Pale lilac, with solferino-red eye.....	1.00	6.00
Rosamundi. Soft rose	1.50	10.00
Rheinstrom. Bright pink .....	.85	5.00
R. P. Struthers. Deep salmon pink, dark centre....	.85	5.00
Thor. Deep salmon pink, suffused scarlet.....	1.50	10.00
Wanadis. Mottled white and light violet.....	1.00	6.00
Widar. Light red, somewhat shaded violet.....	.85	5.00

Miscellaneous Phloxes

	Doz.	100
Amoena. Soft rose	\$1.00	\$7.00
Divaricata Canadensis. Lavender	1.00	7.00
Divaricata Alba Grandiflora. White	2.00	12.50
Ovata Carolina. Rosy pink	1.25	8.00
Pilosa Splendens. Lilac rose	1.50	10.00
Subulata Rosea (Moss Pink). Pink .....	.85	6.00
Subulata Alba. White moss pink .....	.85	6.00
Subulata Lilacina. Lilac .....	.85	6.00

PHLOX ARENDSI

A new dwarf class; 12 to 14 inches high, flowering from May to July.

- Amanda.** Delicate lilac.
- Charlotte.** Pale lilac, shaded pink, dark eye.
- Grete.** Pure white.
- Kathe.** Purplish rose, with dark eye.
- Louise.** Light lilac, with a carmine eye.

Price of any of the above Phlox Arendsi, \$1.75 doz.; per 100, \$12.50.

PHLOX SUFFRUTICOSA

These begin to blossom in June, and remain in flower until October. They are listed in regular alphabetical order with the decussata varieties, marked thus (Suffr.) after the name.

TESTIMONIALS

Manchester, Vt.

Your Hardy Phlox plants are strong and well grown and even in size of roots. Your Helenium Autumnale Rubrum sent last spring, grew about 4 feet, and I have sold most of the plants at 50c. each.

(Signed) W. H. G.

Monticello, Ark.

Thank you for the perfectly satisfactory filling of my orders. I am pleased especially with the general quality of the plants received and the condition in which they arrived. The packing is worthy of congratulation.

L. W.

MICHELL'S HARDY PERENNIAL PLANTS

Pachysandra Doz. 100
Terminalis. Evergreen\$1.50 \$10.00

Pardanthus
Sinensis. Orange 1.00 7.50

Pentstemon (Beard Tongue)
Barbatus Torreyi. Scarlet... 1.25 8.50
Diffusus. Deep purple 1.25 8.50
Digitalis. Purplish white.... 1.25 8.50
Ovatus. Bright blue 1.25 8.50
Sensation. Mixed colors..... 1.50 10.00

Physalis (Lantern Plant)
Alkekengi. Orange red..... 1.25 8.50
Francheti. Orange scarlet.... 1.25 8.50

Physostegia (False Dragon Head)
Speciosa. Rose 1.00 7.50
Virginica. Pink 1.00 7.50
 " Alba. White 1.00 7.50

Pinks (Hardy Garden)
Carmen. Pink 1.25 8.50
Homer. Rosy red 1.25 8.50
Her Majesty. Pure white.... 1.25 8.50
Juliette. White, bordered crimson 1.25 8.50
White Reserve. White 1.25 8.50

Platycodon (Bell Flower)
Grandiflorum Blue 1.00 7.50
Grandiflorum White 1.00 7.50
Mariesi. Dwarf; blue 1.00 7.50

Plumbago (Leadwort)
Larpentae. Deep blue 1.25 8.50

Polemonium (Jacob's Ladder)
Richardsoni Alba. White.... 1.25 8.50
Richardsoni. Blue, golden anthers 1.25 8.50

Poppy
Lady Frederick Moore. Salmon pink 25 2.50
Orientalis Goliath. Scarlet... 1.50 10.00

" Lightness. White, changing to salmon...each, 25c. 2.50
 " Mahony. Crimson.. 1.50 10.00
 " Marie Studholme. Rose 1.50 10.00
 " Mrs. Perry. Salmon 1.50 10.00
 " Muriel Russell. Each, 25c. 2.50

" Oriental King. Crimson 2.00 15.00
 " Princess Victoria Louise. Salmon.. 1.50 10.00
 " Perry's White..... 2.00 15.00
Nudicaule Orange 1.50 10.00
 " White 1.50 10.00
 " Yellow 1.50 10.00

Potentilla (Cinquofoil)
Gibson's Scarlet 1.50 10.00
Atrosanguinea. Brilliant red... 1.50 10.00
Formosa. Fiery orange 1.50 10.00
Hoopwoodiana. Dark red.... 1.50 10.00

Primula (Hardy Primrose)
Acaulis Alba Plena. Double white 1.50 10.00
Acaulis Lilac 1.50 10.00
Auricula. Yellow and red.... 1.25 8.50
Vulgaris. Canary yellow.... 1.50 10.00
Vulgaris Coerulea. Light blue. 1.25 8.50
Veris Superba. Golden yellow.. 1.50 10.00
Veris (Cowslip). Red and yellow 1.25 8.00

Poterium
Obtusatum. Dark pink..... 1.25 8.50

Prunella
Grandiflora. Purple 1.25 8.00

Pyrethrum
Uliginosum. Single white.... 1.25 8.50
Single-flowering Mixed 1.50 10.00
Double-flowering Named Sorts. 2.50 20.00



Pyrethrum, Double Flowering

Ranunculus (Buttercup)
Aceris Fl. Pl. Double yellow...\$1.25 8.50

Rosemary
Officinalis 1.25 8.50

Rudbeckia (Cone Flower)
Golden Glow. Double yellow... 1.25 8.50
Newmani. Single orange.... 1.25 8.50
Nitida "Autumn Sun." Single primrose yellow 1.25 8.50
Purpurea. Purple 1.25 8.50
Rays of Gold 1.25 8.50

Salvia
Azurea. Rich sky blue..... 1.50 10.00
Greggii. Cerise crimson 1.50 10.00
Pitcheri. Gentian blue 1.50 10.00
Uliginosa. Clear blue 1.50 10.00
Virgata Nemorosa. Deep blue.. 1.50 10.00

Saponaria (Soapwort)
Caucasica. Double white, tinted rose 1.25 8.50
Ocymoides. Bright rose 1.25 8.50

Satureia
Montana. Snow-white 2.00 12.50

Scabiosa
Caucasica Alba. Pure white... 1.50 10.00
Caucasica Coerulea. Lavender. 1.50 10.00
Japonica. Lavender blue.... 1.25 8.50
Lutea Gigantea. Sulphur yellow 1.50 10.00

Scutellaria
Coelestinum. Bright blue 1.25 8.50

Senecio (Groundsel)
Clivorum. Bright yellow 1.50 10.00
Wilsonianus. Rosy purple.... 1.50 10.00
Veitchianus. Bright yellow.... 1.50 10.00

Silene (Catchfly)
Alpestris. White 1.25 8.50
Asteria Grandiflora. Bright red 1.25 8.50
Schafta. Rosy purple 1.25 8.50

Solidago (Golden Rod)
Canadensis. Native Golden Rod 1.25 8.50
Golden Wings. Bright golden yellow 1.25 8.50

Spiraea (Dropwort)
Aruncus. White\$1.50 \$10.00
Filipendula. White 1.25 8.50
Filipendula Fl. Pl. Double white 1.25 8.50
Palmata. Crimson purple.... 1.50 10.00
Umriaria Fl. Pl. Double white. 1.50 10.00
Venusta Magnifica. Rosy red.. 2.00 15.00

Stachys (Woundwort)
Betonica Rosea. Rich pink.... 1.25 8.50
Lanata. Silvery foliage, purple flowers 1.25 8.50

Statice (Sea Lavender)
Eximia. Soft lilac 1.25 8.50
Gmelini. Purple 1.25 8.50
Tartarica. Light blue 1.25 8.50

Stokesia (Cornflower Aster)
Cyanea Alba. Pure white.... 1.25 8.00
 " Blue. Light blue.... 1.25 8.50

Sweet William
Crimson 1.20 8.00
Pink 1.20 8.00
Pure White 1.20 8.00
Scarlet 1.20 8.00
Violet, White Eye 1.20 8.00
Michell's Prize Mixture 1.00 7.50

Thalictrum (Meadow Rue)
Adiantifolium. Pink 1.50 10.00
Aquilegiafolium Album 1.50 10.00
Aquilegiafolium Atropur 1.50 10.00
Dypterocarpum. Rosy purple.. 2.00 15.00
Glaucum. Yellow 1.50 10.00

Thermopsis
Caroliniana. Yellow 1.50 10.00

Trillium (Wood Lily)
Erectum. Purple 1.00 7.00
Erectum Grandiflorum. White. 1.00 7.00

Tritoma (Flame Flower)
Pfitzeri. Orange scarlet..... 1.50 10.00
Quartimiana. Bright scarlet... 2.00 15.00
Tuckii. Red, shaded primrose. 1.50 10.00

Trollius (Globe Flower)
Caucasicus Orange Globe. 1.75 12.00
Europaeus. Yellow 1.75 12.00
Japonicus "Excelsior." Orange 1.75 12.00

Tunica
Saxifraga. Pink 1.25 8.50

Valeriana (Spurred Flower)
Coccinea. Red 1.50 10.00
Coccinea Alba. White 1.50 10.00
Officinalis. Pink 1.50 10.00

Verbascum
Phoenicium. Deep violet 1.50 10.00

Veronica (Speedwell)
Amethystina. Amethyst blue.. 1.25 8.50
Incana. White foliage; blue flowers 1.25 8.50
Longifolia Subsessilis. Rich blue 1.25 8.50
Virginica. Pale blue 1.25 8.50
Virginica Alba. Pure white... 1.25 8.50
Repens. Light blue 1.25 8.50

Vinca (Periwinkle)
Aurea. Green, yellow foliage.. 1.50 10.00
Minor. Blue. (\$60.00 per 1000) 1.00 7.00

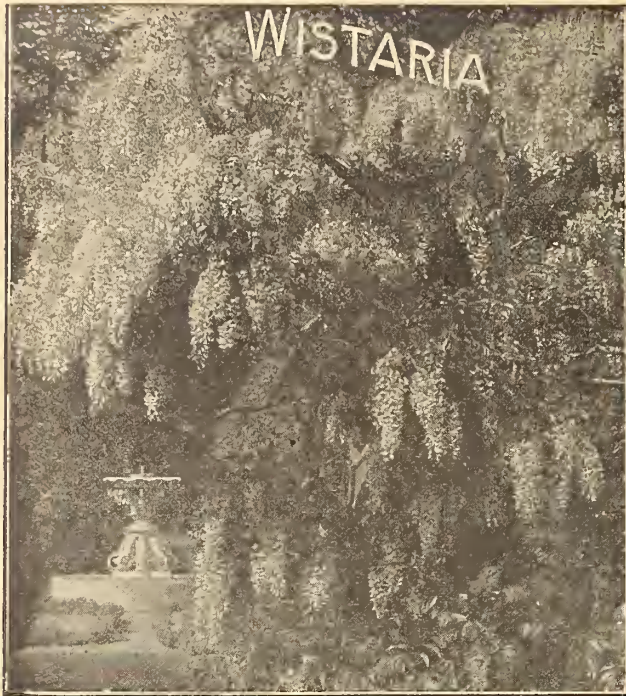
Viola (Tufted Pansy)
Gustav Wermig. Blue 1.25 7.50
Yellow 1.00 6.00
White 1.00 6.00
Blue 1.00 6.00
Mauve 1.00 6.00
Pedata. Blue 1.00 6.00
Pedata Bicolor. Royal purple and white 1.25 8.00

Yucca (Adam's Needle)
Filamentosa. White 1.75 12.00

Plants travel best by express. No Plants sent C. O. D.

(ht)

Michell's Hardy Shrubs and Climbing Plants



Hardy Climbers (Mostly Pot Plants)

	Each	Doz.	100
Actinidia Arguta. 4-in. pots.....	\$0.60	\$6.00	
Akebia Quinata. 4-in. pots.....	.25	2.00	\$15.00
Ampelopsis Veitchii. 4-in. pots.....	.20	2.00	15.00
" " 6-in pots.....	.40	4.00	30.00
" Quinquifolia. 4-in. pots.....	.20	2.00	15.00
" Lowii. 4-in. pots.....	.30	3.00	22.50
" Henryana. 4-in. pots.....	.30	3.00	22.50
" Englemanii. 4-in. pots.....	.25	2.00	12.50
" Humilifolia. 4-in. pots.....	.35	3.50	22.50
" Tricolor. 4-in. pots.....	.25	2.00	12.50
Aristolochia Sippo.....	.50	4.50	
Bignonia Grandiflora.....	.40	4.00	30.00
" Radicans.....	.25	2.75	20.00
Celastrus Scandens.....	.25	2.00	15.00
Clematis Coccinea. Red. 4-in. pots.....	.20	2.00	15.00
" Crispa. Lavender. 4-in. pots.....	.25	2.50	16.00
" D. of Edinb. Double white, 4-in. pots.....	.35	3.50	25.00
" Flammula. White, 4-in. pots.....	.25	2.50	16.00
" Henryi. White, 4-in. pots.....	.35	3.50	25.00
" Integrifolia Durandi. Blue. 4-in. pots.....	.35	3.50	25.00
" Jackmanni. Purple. 4-in. pots.....	.35	3.50	25.00
" Mad. B. Villard. Purple. 4-in. pots.....	.35	3.50	25.00
" Mad. Edw. Andre. Red. 4-in. pots.....	.35	3.50	25.00
" Montana Grand. White. 4-in. pots.....	.40	4.00	30.00
" Montana Rubens. Red. 4-in. pots.....	.40	4.00	30.00
" Nellie Moser. White. 4-in. pots.....	.35	3.50	25.00
" Paniculata. White (3 year).....	.25	2.50	17.50
" " White (2 year).....	.15	1.50	10.00
" Sieboldi. Blue. 4-in. pots.....	.35	3.50	25.00
" Ville de Lyon. Red. 4-in. pots.....	.35	3.50	25.00
Euonymus Radicans Var.....	1.25	9.00	
" Radicans.....	1.25	9.00	
" Vegetus.....	1.50	10.00	
" Kewensis.....	1.60	12.00	
Honeysuckle Evergreen. 4-in. pots.....	.25	2.00	15.00
" Halleana. 4-in. pots.....	.25	2.00	15.00
" Heckrothi. 4-in. pots.....	.25	2.25	15.00
" Red Coral. 4-in. pots.....	.25	2.25	15.00
" Variegated. 4-in. pots.....	.25	2.00	15.00
Hop Vine. Green. Pot grown.....	1.25	7.50	
" " Golden leaved. Pot grown.....	1.25	7.50	

Hardy Climbers (Cont'd.) Each Doz. 100

Ivy, English. 2½-in. pots.....	\$1.00	\$6.00	
" " 4-in. pots.....	2.25	17.50	
" " 5-in. pots.....	3.50	25.00	
" " 6-in. pots.....	6.00	40.00	
Jasminum Nudiflorum. Yellow. 4-in. pots.....	2.00	15.00	
" Officinale. White. 4-in. pots.....	2.00	15.00	
Lathyrus White Pearl. 4-in. pots.....	2.50	17.50	
" Albus. 4-in. pots.....	1.50	10.00	
" Pink Beauty. 4-in. pots.....	1.50	10.00	
Lycium Barbarum.....	\$0.25	2.25	15.00
Polygonum Auberti.....	.50	5.50	
" Baldschuanicum.....	.50	5.50	
Pueraria Thunbergiana. 4-in. pots.....	.20	2.00	12.50
Schizophragma Hydrangeoides. White.....	.75	7.50	
Wistaria. Blue. Pot grown. 6-in. pots.....	.50	5.00	35.00
" White. Pot grown. 6-in. pots.....	.50	5.00	35.00
" Blue (Standard). Pot grown.....	2.25	25.00	
" White (Standard). Pot grown.....	2.25	25.00	

Hardy Azaleas Each Doz. 100

Amoena. Crimson. 12-in. heads.....	\$0.80	\$8.00	\$60.00
A. Koster. Orange. 12 to 15 in. heads.....	1.00	10.00	
Hinamayo. Pink. 18-in. heads.....	1.00	10.00	75.00
Hinodegiri. Red. 18-in. heads.....	1.00	10.00	70.00
Mollis. Mixed. 12 to 15 in. heads.....	.75	7.50	50.00
Jap. Alba. White. 18-in. high.....	1.00	10.00	
J. C. Von Tol. Red. 20 to 25 buds.....	.75	7.50	
Pontica. Named sorts.....	1.00	10.00	
Yodogama. Pink. 18-in. high.....	.75	7.50	

Rhododendrons (Well Budded Plants)

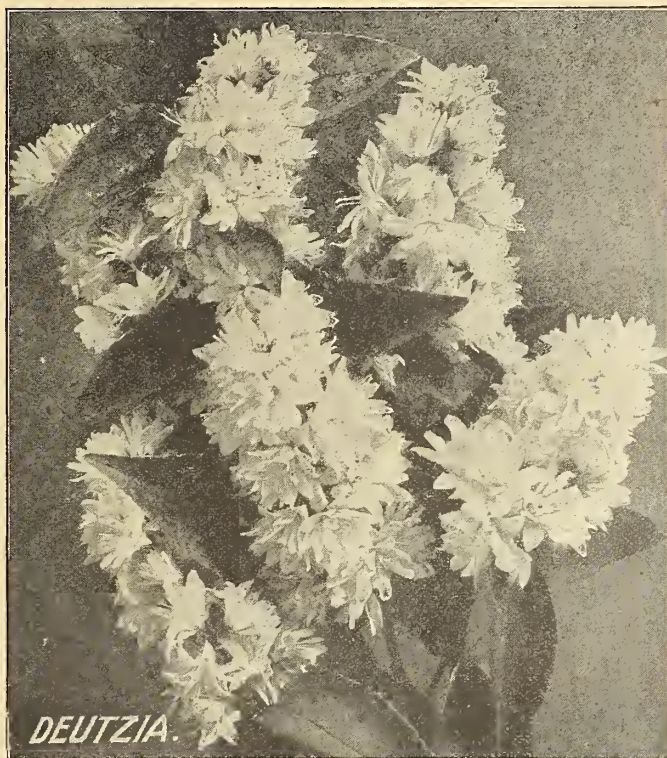
Album Elegans. Pure white gigantic flower heads.
 Caractacus. Crimson or blood red.
 Prof. Chas. Dickens. Red, a shade between light and dark.
 Chas. S. Sargent. Rich crimson.
 Everestianum. Lavender, very delicate.
 Fastuosum. Double; lavender; very large flower heads.
 F. D. Goodman. Crimson.
 General Grant. Aniline red.
 *James Macintosh. Rich scarlet.
 Kettledrum. Deep red or purple.
 *Lady Grey Egerton. Mauve.
 Roseum Elegans. Rose pink; large flowers.
 Price of 18 to 24-inch plants \$1.50 each; per doz., \$15.00;
 \$115.00 per 100. 24 to 30 inches high, \$2.50 each; doz., \$27.50;
 \$200.00 per 100. Varieties marked * can be supplied in 18 to
 24-inch plants only.



Michell's Hardy Shrubs and Hedge Plants

HARDY SHRUBS

	Each	Doz.		
Amygdalus Rubra Fl. Pl. Pink. 18 to 24 inches.	\$.60	\$6.00		
Andromeda Japonica. White. 12 inches.	1.25	12.00		
Althea Alba Plena. White. 2 to 3 feet.	.25	2.50		
" Atropurpurea. Purple. 2 to 3 feet.	.25	2.50		
" Coerulea Plena. Blue. 2 to 3 feet.	.25	2.50		
" D. de Brabant. Red. 2 to 3 feet.	.25	2.50		
" Grand. Superba. Blush. 2 to 3 feet.	.25	2.50		
" Totus Albus. White. 2 to 3 feet.	.25	2.50		
	Doz.	100		
Berberis Thunbergii. 12 to 18 inches.	\$1.50	\$10.00		
" " 18 to 24 inches.	1.60	12.00		
" " 24 to 30 inches.	3.00	22.00		
" Atropurpurea. 2½ to 3 feet.	2.50	17.50		
Buddleya Var. Magnifica. 3 inch pots.	1.50	10.00		
" Var. Veitchiana. 3 inch pots.	1.50	10.00		
	Each	Doz.		
Calycanthus Floridus. 2 to 3 feet.	\$.025	\$2.50		
Cerasus Double White. 4 to 5 feet.	1.25	12.50		
" Double Pink. 3 to 4 feet.	1.50	15.00		
Cercis Canadensis. 2 to 3 feet.	.35	3.50		
Chionanthus Virginica. 2 feet.	.30	3.00		
Clethra Alnifolia. 2 feet.	.25	2.50		
Cornus Florida. 2 to 3 feet. Bush form.	.40	4.00		
" Rubra. 2 to 3 feet. Bush form.	1.00	10.00		
Cytisus Laburnum. 3 to 4 feet.	.50	5.00		
Deutzia Candidissima. 2 to 3 feet.	.25	2.50		
" Crenata Rosea Fl. Pl. 2 to 3 feet.	.25	2.50		
" Gracilis. 1½ to 2 feet.	.25	2.50		
" Lemoinei. 2 feet	.25	2.50		
Eleagnus Longipes. 2 feet	.25	2.50		
Erica Vulgaris	.30	3.00		
" Alba	.30	3.00		
Euonymus Japonica Aurea Var. 1 to 1½ feet.	.80	9.00		
Exochorda Grandiflora. 2 to 3 feet.	.25	2.50		
Forsythia Fortunei. 3 to 4 feet.	.25	2.50		
" Suspensa. 3 to 4 feet.	.25	2.50		
" Viridissima. 3 to 4 feet.	.25	2.50		
Hydrangea Paniculata Grand. 2 to 3 feet.	.25	2.50		
" " 3 to 4 feet.	.40	4.00		
" " (Standards)	.60	5.00		
" Arborescens. 2 feet	.25	2.50		
Kalmia Latifolia. 18 to 24 inches. (\$80.00 per 100)	1.00	10.00		
Kerria Japonica Double. 2 to 3 feet.	.25	2.50		
	Field Grown	Pot Grown		
	Each	Doz.	Each	Doz.
Lilac Chas. X.	\$.40	\$4.00	\$1.00	\$10.00
" Marie Le Grey	.40	4.00	1.00	10.00
" Marie Lemoine	.40	4.00	1.00	10.00
" Mme. C. Perrier	.40	4.00	1.00	10.00
" Pres. Grey	.40	4.00	1.00	10.00
" Simon Mardner	.40	4.00	1.00	10.00
" Souv. de L. Spaeth	.40	4.00	1.00	10.00
" Vulgaris	.25	2.50		
" Alba	.25	2.50		
Lonicera Morrowi. 2 to 3 feet.	.25	2.50		
" Tartarica. 2 to 3 feet.	.25	2.50		
Maple Jap. Atropur. Pot grown. 18 to 24 inches.	1.00	10.00		
Maple Jap. Aureum. Pot grown. 18 to 24 inches.	1.00	10.00		
Maple Jap. Dissectum. Pot grown. 18 to 24 inches	1.00	10.00		
	Each	Doz.		
Philadelphus Coronarius. 2 to 3 feet.	.25	2.50		
" Grandiflora. 2 to 3 feet.	.25	2.50		
Prunus Pissardi. 2 to 3 feet.	.35	3.50		
" Triloba. 2 to 3 feet.	.35	3.50		
Pyrus Japonica. 2½ feet	.25	2.50		
Rhus Cotinus. 2½ feet	.25	2.50		
Sambucus Nigra Aurea. 3 feet.	.25	2.50		
" Racemosus. 2 to 3 feet.	.30	3.00		
Spirea A. Waterer. 18 to 24 inches.	.25	2.50		
" Opulifolia Aurea. 4 feet.	.25	2.50		
" Prunifolia. 3 feet.	.25	2.50		
" Reevesii. 2½ feet.	.25	2.50		
" Thunbergii. 2½ feet.	.25	2.50		
" Von Houttei. 2 feet.	.25	2.50		
Symphoricarpus Racemosus. 2 feet.	.25	2.50		
Staphylea Colchica	.50	4.50		
Tamarix Africana. 2 to 3 feet.	.25	2.50		
" Gallica. 4 feet	.25	2.50		
" Hisp. Aestivalis. 2 to 3 feet.	.35	3.50		



DEUTZIA.

HARDY SHRUBS—Continued

	Each	Doz.
Viburnum Carlesii	\$.60	\$6.00
" Opulus Sterilis. 3 feet.	.25	2.50
" Plicatum. 2 to 3 feet.	.35	3.50
Vitex Agnus Castus. 3 to 4 feet.	.30	3.00
Weigelia Amabilis. 2 to 3 feet.	.25	2.50
" Candida. 2 to 3 feet.	.25	2.50
" E. Rathke. 2 to 3 feet.	.25	2.50
" Rosea. 2 to 3 feet.	.25	2.50

BOX WOOD

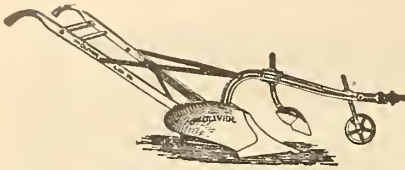
	Each	Doz.
Edging. 4 to 6 inches (1000, \$50.00)	.85	6.00
" 6 to 8 inches.	2.40	15.00
	Each	Doz.
Untrimmed Bush shaped. 10 inches.	\$.40	\$4.00
" " 12 inches.	.50	5.00
" " 15 inches.	.80	8.00
" " 18 inches.	1.00	10.00
" " 24 inches	2.00	20.00
	Each	
Ball Shaped. 12 inches diam.	2.50	
" " 15 inches diam.	4.00	
Pyramidal. 2½ feet high.	2.50	
" " 3 feet high.	3.25	
" " 3½ feet high.	4.00	
" " 4 feet high.	5.00	
" " 5 feet high.	8.00	
Tree Shaped (Standard). 18 to 24 in. stem, 15 in. head.	2.25	
" " 18 to 24 in. stem, 18 in. head.	3.00	

PRIVET HEDGE PLANTS

Our stock of this is large, and very fine, well branched and rooted.

	Each	Doz.	100	1000
California. 1 year old, 18 to 24 inches.	\$.50	\$2.50	\$22.50	
" 2 year old, 24 to 30 inches.	.75	4.00	32.50	
" 2 year old, 30 to 36 inches.	1.00	5.00	45.00	
Golden Privet. Bushy, 15 to 18 inches	\$.35	3.00	22.50	

Plants travel best by express. No Plants sent C. O. D.



South Bend Plows

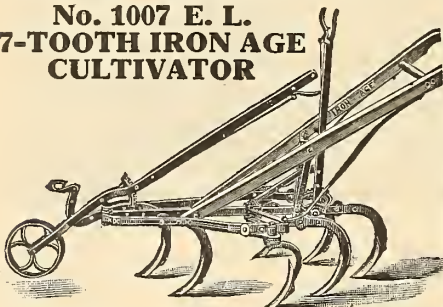
This plow has been one of the favorites in the section of Philadelphia for many years. It is substantially made, neat, and gives splendid satisfaction.

- No. 1B. For one horse, wood beam..\$9.50
- No. 2F. For one heavy horse or two light horses, wood beam..12.50
- No. 3A. 2-horse, wood beam16.25
- No. 4. 2-horse, heavy, wood beam..20.00

The prices above are for plain plows with clevis only. Jointers and wheels can be supplied for Nos. 2, 3 and 4.

If wheel only is wanted, add \$1.75, or if jointer only is wanted, add \$3.40 to the prices quoted above. We can also supply Oliver, Gale and Syracuse Plows.

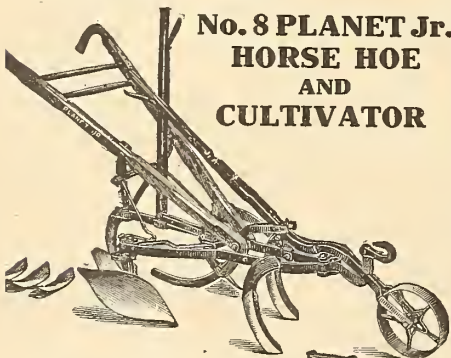
No. 1007 E. L. 7-TOOTH IRON AGE CULTIVATOR



By means of the lever wheel the depth may be regulated with a single stroke of the arm; the expanding lever renders it able to go through very narrow rows successfully. The cultivator may also be used as a five-tooth machine by merely unbolting two teeth and arms. Price, \$11.00.

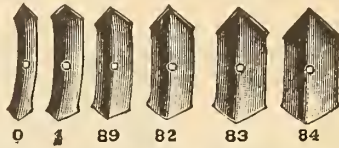
We can also supply all other styles of Iron Age Horse Cultivators.

No. 8 PLANET JR. HORSE HOE AND CULTIVATOR



Made of steel throughout. The lever wheel and depth regulator enable the operator to increase or lessen the depth of tilling by the mere stroke of the arm. The side or covering steels and shovel which is in the rear may be taken off and the arms so turned that when the extra teeth, which accompany the machine, are attached, it presents a perfect five-toothed cultivator. Price, with cast wheel as above, \$16.50.

We can also supply all other styles of Planet, Jr., Horse Cultivators.

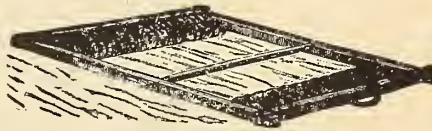


Iron Age Cultivator Teeth

No.	Width	Each	No.	Width	Each
0	1¼ in.	\$.015	82	3 in.	\$.023
96	1½ in.	.17	83	3½ in.	.25
1	2 in.	.19	84	4 in.	.27
89	2½ in.	.21	68	4 in.	.27

Bolts for Teeth, 4c. each; per doz., 40c.

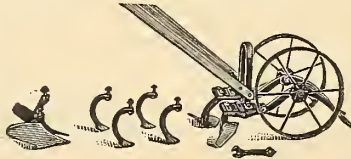
The Meeker Smoothing Harrow



The Meeker Harrow

The ideal implement for the market gardener; it makes a seed bed as fine as can be done with a rake; is easy on the horse and does the work quickly and satisfactorily.

No.	Price
1—4 ft. 6 in. x 4 ft.—8 in. discs..	\$30.50
2—6 ft. 8 in. x 6 ft.—8 in. discs..	38.00
3—8 ft. x 6 ft.—8 in. discs.....	47.50
4—8 ft. x 6 ft.—10 in. discs.....	57.00

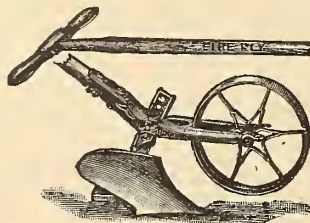


Planet Jr. Wheel Hoes

No. 12 Double wheel (see cut).....	\$10.00
No. 13 Double wheel.....	7.00
No. 11 Double wheel.....	13.00
No. 14 Double wheel.....	11.50
No. 16 Single wheel.....	8.25
No. 17 Single wheel.....	6.75
No. 18 Single wheel.....	5.00

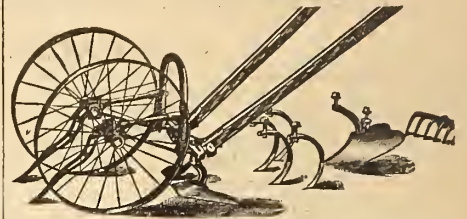
Planet Jr. Wheel Hoe Parts

Side Hoes, per pair, 4½-inch,	\$1.10;
6-inch, \$1.20; 7-inch	.....\$1.40
Side Plows, per pair.....	1.40
Cultivator Teeth, each	..... .35



FIRE-FLY GARDEN PLOW

Exceedingly useful to every owner of a garden. It throws furrows various widths; very desirable for plowing up gardens for new crops (after general plowing in spring). Price, \$3.15.



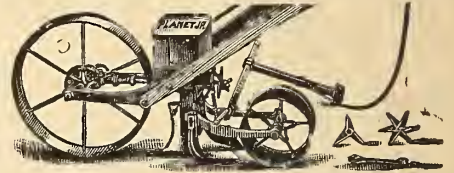
Iron Age Wheel Hoes

- No. 301R Double Wheel Hoe (see cut)\$11.25
- No. 303 Double Wheel Hoe..... 7.25
- No. 11 Single wheel..... 4.00
- No. 12 Single wheel..... 5.25

Gem Wheel Hoes

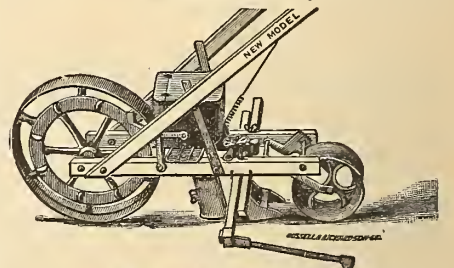
Single Wheel. Of garden tools this is the most popular, being low in price and complete in detail, suited for most any work in a garden. It weeds, hoes, hills and harrows.. Price, \$7.25.

- Gem Double-Wheel Hoe\$8.75
- Iron Age Hand Plow (no wheel)... 1.90



Seed Drills Planet Jr.

- No. 4D. Plain\$12.50
- No. 4. Combined 16.00
- No. 3. Plain only 15.00
- No. 25. Combined 19.00
- No. 31. Combined Seeder and Wheel Hoe, complete.. 10.50
- No. 31D. The above machine as a seeder only 8.50
- No. 33. The above machine as a wheel hoe only..... 5.00



THE MODEL SEED DRILL

It is designed as a drill seeder only; the depth of sowing can be regulated to any desired distance. It is well named the market gardeners' drill, having a large capacity for seeds, and is a wonderfully efficient machine. Price, \$12.00.

IRON AGE SEED DRILLS

- No. 306 Double and Single-Wheel Hoe, Hill and Drill Seeder combined, complete, \$17.50.
- No. 304 Double and Single-Wheel Hoe, and Drill Seeder combined, complete, \$16.75. No. 5 Drill Seeder only, \$16.50.
- No. 322 Combined Fertilizer Distributor, Hill and Drill Seeder. The two operations—seeding and fertilizing—are done in one. Price, \$28.00.

Michell's Lawn Mowers, Rollers, Etc.

THE MICHELL HIGH WHEEL BALL BEARING LAWN MOWER

(5 blade cylinder)

15-inch.....\$15.00	19-inch.....\$19.00
17-inch..... 17.00	21-inch..... 20.00

PENNA. AND CONTINENTAL LAWN MOWERS

Either at the following prices:

Low wheel, 8-in. diameter.

12-inch.....\$12.00	16-inch.....\$14.75
14-inch..... 13.25	18-inch..... 16.00

High wheel, 10½-inch diameter.

15-inch.....\$19.00	19-inch.....\$23.75
17-inch..... 21.00	21-inch..... 25.25

PENNA. JR. BALL BEARING

8-inch or low wheel, 5-blade cylinder, 5½-inch diameter.

12-inch.....\$12.25	16-inch.....\$16.00
14-inch..... 14.75	18-inch..... 17.50

10-inch or high wheel, 5-blade cylinder, 6-inch diameter.

15-inch.....\$20.50	19-inch.....\$24.75
17-inch..... 22.75	21-inch..... 27.50

PENNSYLVANIA GOLF

For Putting Greens and close cutting.

7 Blades	Ball Bearing
9½ in. wheel	
17-inch.....\$26.50	
19-inch..... 30.00	
21-inch..... 33.25	

PENNA. PUTTING GREENS

12-inch.....\$20.75	16-inch.....\$24.75
14-inch..... 22.75	18-inch..... 26.50

TOWNSEND'S GOLF WONDER

16-inch.....\$20.00	} Without Catcher
18-inch..... 21.75	
20-inch..... 23.75	

Catchers for any of the above, \$4.80 each.

COLDWELL HIGH WHEEL

Ball-bearing, 4-blade cylinder.

14-inch.....\$12.00	18-inch.....\$13.75
16-inch..... 12.75	20-inch..... 14.75

GREAT AMERICAN BALL BEARING

High wheel.

15-inch.....\$14.25	19-inch.....\$18.00
17-inch..... 16.25	21-inch..... 20.00

PHILADELPHIA MOWERS

High wheel, style A.	High wheel, style K.
15-inch.....\$19.00	14-inch.....\$11.40
17-inch..... 21.00	16-inch..... 12.35
19-inch..... 23.75	18-inch..... 13.30
21-inch..... 25.50	20-inch..... 14.25

GRAHAM (PHILA.) MOWERS

15-inch H. W. \$20.00	19-inch H. W. \$24.70
17-inch H. W. 22.35	21-inch H. W. 27.00

NEW DEPARTURE MOWER

High wheel, 4-blade.	Low wheel, 3-blade.
15-inch.....\$11.40	12-inch..... \$7.15
17-inch..... 12.75	14-inch..... 7.60
19-inch..... 14.25	16-inch..... 8.00

ORCHID LAWN MOWER

High wheel B. B.

14-inch.....\$8.35
16-inch..... 8.55
18-inch..... 9.25

LAWN TRIMMERS

For cutting around walks, drives, flower beds and borders.

Coldwell.....\$6.65
Penna. Regular style; plain-bearing 7.60
Penna. Undercut style; ball-bearing 8.55
Capitol..... 7.15
Coldwell Gem. 8-inch cut..... 6.75

GRASS CATCHERS

Braun's Make

For the Pennsylvania, Continental, Great American B. B. and New Departure Mowers.

10-inch.....\$2.35	15-inch.....\$2.85
12-inch..... 2.35	17-inch..... 2.85
14-inch..... 2.60	19-inch..... 3.10
16-inch..... 2.85	21-inch..... 3.30
18-inch..... 2.85	

For Coldwell B. B. Mowers

14-inch.....\$1.50	18-inch.....\$1.70
16-inch..... 1.60	20-inch..... 1.80

For Penna. Golf Mowers

14-inch.....\$2.55	17-inch.....\$2.75
16-inch..... 2.75	19-inch..... 2.90
18-inch..... 2.75	21-inch..... 3.00

For Penna. P. G. Mowers

12-inch.....\$3.80	16-inch.....\$4.25
14-inch..... 4.00	18-inch..... 4.50

K. C. GRASS CATCHER

Fits any Mower

Made of sheet iron bottom and canvas sides. Price, 12- to 16-inch size, \$1.60 each; 18- to 22-inch size, \$1.80.

HORSE LAWN MOWERS

Coldwell, 25-in.	} Price on application
Coldwell, 30-in.	
Coldwell, 35-in.	
Coldwell, 40-in.	

Penna. Pony, 25-in., 4 blades.....\$47.50

Penna. Horse, 30-in., \$83.50; with seat and shafts.....100.00

Penna. Horse, 38-in., \$104.00; with seat and shafts.....118.50

Penna. Grand Horse Mower

30-inch cut, with draft irons.....\$93.00
30-inch with seat and shafts.....109.00
38-inch cut, with draft irons.....118.75
38-inch with seat and shafts.....133.00

COLDWELL MOTOR MOWERS

Model J—40-in. cut.....\$1,300.00
Price f. o. b.
" G—35-in. cut factory 350.00
" H—30-in. cut..... 300.00

COMBINED OR GANG HORSE MOWERS

Townsend's Triplex, 86-in. cut....\$275.00
Penna. Trio, 86-in. cut..... 350.00

LAWN MOWER OIL (Best Quality)

Quart, 50c.; 70c. per ½ gallon; gallon, 90c.; \$3.25 for 5 gallons.

"BOSS" HAND LAWN ROLLERS

	Diam.	Long	Sec.	Lbs.	
No. 1—15 in.	15 in.		2	150...	\$11.40
No. 2—15 in.	22 in.		3	200...	15.00
No. 3—20 in.	16 in.		2	225...	16.80
No. 4—20 in.	20 in.		2	250...	18.60
No. 6—20 in.	24 in.		3	300...	22.20
No. 7—20 in.	24 in.		2	300...	22.20
No. 8—20 in.	30 in.		3	350...	25.80
No. 9—24 in.	20 in.		2	400...	29.40

MICHELL'S WATER BALLAST ROLLER

No.	Sections	Diam.	Width	Weight Empty	Weight filled with Water	Price
603.....	1	24	24	180	525	\$16.00
604.....	1	24	32	200	665	17.50
605.....	2	18	24	175	395	16.00
606.....	2	24	32	230	650	21.00

Prices on Horse Rollers on application.



GRASS SHEARS

No.	Size	Type	Price
012—6	-inch	American	\$0.90
012—7	-inch	American	1.10
3075—6	-inch	English	1.10
3075—7	-inch	English	1.35
0267—6	-inch	American	.65
050—5½	-inch	American	.50
263—5½	-inch	Trowel Shank	.30

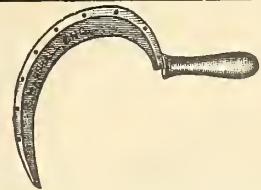


SCYTHES

English, 32-inch, rivet back.....	Each
English, 34-inch, rivet back.....	\$1.50
English, 36-inch, rivet back.....	1.60
English, 38-inch, rivet back.....	1.70
American, Little Giant, 32-inch.....	1.85
American, Little Giant, 34-inch.....	1.25
American, Little Giant, 36-inch.....	1.35
Bush.....	1.50
Bush.....	1.35
SNATHES for Scythes.....	1.10

SHARPENING STONES

	Each	Doz.
Talacre (Style American).....	\$0.20	\$2.25
Darby Creek.....	.12	1.20
Carborundum.....	.25	2.50



SICKLES OR GRASS HOOKS

	Each	Doz.
English Soldier, No. 3.....	\$0.75	\$8.50
English Soldier, No. 2.....	.65	7.50
English Soldier, No. 1.....	.60	7.00
Little Giant.....	.50	5.50
Solid Back, No. 2.....	.50	5.50

THE STEVENS' FERTILIZER DISTRIBUTOR

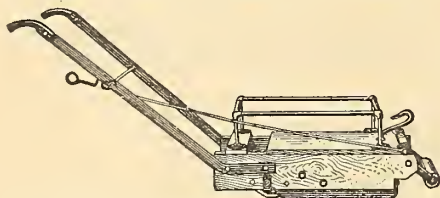


Hand Machine for distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Machine holds about 1 3/4 bushels. Covering area, 3 feet wide. Price, \$14.50.

Horse Machine. This style is suitable for use on large lawns, fields and golf grounds. It has a device for regulating the quantity to be sown. It is equipped with broad tires, which do not readily cut into the ground. It is furnished equipped for either one or two horses as may be desired. Prices f. o. b. factory, 5 foot 10-inch spreading area, \$48.50; 8 foot 3-inch spreading area, \$52.50.

THE NEW CHAMPION SOD CUTTER

The best and most satisfactory machine on the market. Sod cutters are now used extensively where any great amount of cutting is to be done; work can be accomplished better with this machine; you can cut as much in one hour as two men all day. Price, \$26.00.



Extra Knives for Sod Cutters.....\$4.75

SOD TAMPERS

When laying sod it is necessary to properly firm it down, so that it will take new root quickly. It is also convenient for firming the soil or lawn on places where a roller cannot be used; made of iron with wood handle, 12 inches square; weight, 26 lbs. Price, \$1.50 each.

SOD PERFORATORS

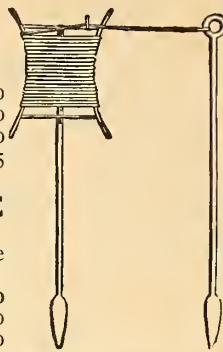
A convenient implement for use in loosening soil in places where sod is worn out preparatory to sowing grass seed. Price, \$3.50.



Sod Tamper

GARDEN REELS

Small, Single...\$0.70
Medium, Single... .90
Large, Single... 2.10
Large, Double... 2.75

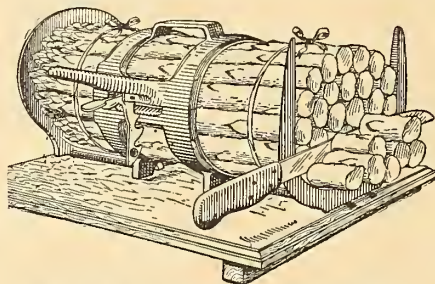


Single Garden Reel

GARDEN LINE

Best quality white cotton braided.
100 ft. hanks....\$1.10
200 ft. hanks.... 2.10
300 ft. hanks.... 3.00

Plow Line Cotton, 45-foot hanks, 70c.



ASPARAGUS BUNCHERS

Even where one has a limited amount of asparagus to market it pays to use a buncher. It is quickly tied and looks uniform. **Buncher**, with Knife Guard, \$2.75.

ASPARAGUS TAPE

In fast colors, green and red, glazed finish. 1000-yard spools, \$4.00 per spool.

ASPARAGUS KNIVES

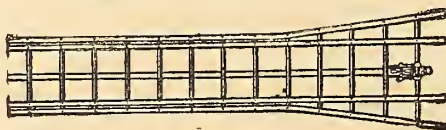
Bateman's\$0.45
Fig. 110, No. 3, American. V-shaped blade, S. H.55
Fig. 110, No. 3, American. V-shaped blade, L. H.70

SINGLE PLANK LADDERS

Made of good hard wood, free from faulty knots; with perfect rounds.

10 ft.....\$2.40	16 ft.....\$3.84
12 ft..... 2.88	18 ft..... 4.32
14 ft..... 3.36	20 ft..... 4.80

Longer sizes at 24c. per foot.



EXTENSION LADDERS

These are made in the best manner possible, are complete, being equipped with the necessary rope and pulleys. The ladders we supply are straight, without the curve in the standards, as the illustration shows.

16 ft.....\$5.44	26 ft.....\$8.84
18 ft..... 6.12	28 ft..... 9.52
20 ft..... 6.80	30 ft..... 10.20
22 ft..... 7.48	32 ft..... 10.88
24 ft..... 8.16	34 ft..... 11.56

36 to 44 ft. size at 38c. per foot.



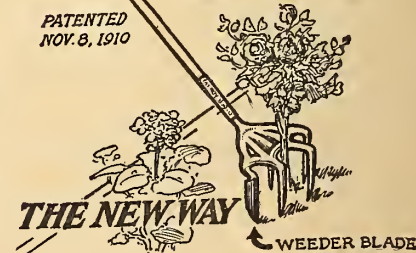
HORTICULTURAL KNIVES

A good knife is an essential to every gardener and florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel, every one is guaranteed to be perfect and give good satisfaction. (Above see key to illustrations.) (Prices are post-paid.)

924	English Pruner, 1 blade...\$1.15
928	English Pruner, 1 blade... 1.50
04993	Budding and Pruning, 2 blades ..... .90
2852 1/2	Budding, 1 blade..... .90
778B.	Budding, 1 blade..... .60
01859	Budding and Pruning, 2 blades ..... .75
303	2 Blade Saynor Pruning, stag handle 1.35
105	Pruner, 1 blade, steel band, cocoa handle..... .65
727W	Budding, 2 blades..... 1.00
400	Saynor Budding, 1 blade.. 1.75
401	Saynor Budding, 1 blade.. 1.65
343	Saynor Budding, 2 blades. 2.00

MEHLER HANDY GARDENER

An entirely distinct tool. No hole is needed where this is used; just the thing for working among flower and vegetable plants, and especially for use in bench beds of greenhouses for weeding, etc. \$1.10 each.



PATENTED NOV. 8, 1910

THE NEW WAY

WEEDER BLADE

PRUNING SHEARS



No.	Description	P. P. Wt.	Each
109	Wiss, 8 in.	2 lbs.	\$2.60
60	Pexto American	2 lbs.	.90
65	"	2 lbs.	1.15
165	"	2 lbs.	1.35
R165	"	2 lbs.	1.60
R 70	"	2 lbs.	1.60
R170	"	2 lbs.	2.00
88	Hessenbruch, 8 in.	2 lbs.	1.35
1537	8 in.	2 lbs.	.65
1401	1/2 6 1/2 in.	2 lbs.	.55
14	Nickeled, 6 1/2 in.	1 1/2 lbs.	.90
o	American		.35

Spiral Springs for any of the above Pruning Shears, 12c. each; per doz., \$1.25.
Parcel Post Weight, per doz., 1/2 lb.

FRENCH PRUNING SHEARS

These have a distinct, very easy working spring.

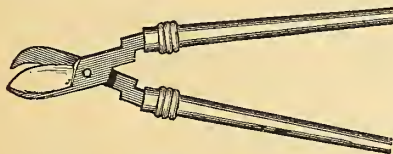
No.	Description	Weight	Each
No. 1542	7-inch	2 lbs.	\$1.50
No. 1542	8 1/2-inch	2 lbs.	1.80

Springs for French Pruning Shear. .25



No. 23 LEVIN PRUNER

The handle of this shear affords a great deal of leverage, which makes very easy cutting possible. Price, 75c. Weight, 2 lbs.



LOPPING SHEARS

No. 109	English (see cut)	\$4.25
No. 1	Clyde Lopping Shear	1.35
No. 2	Clyde Lopping Shear	2.25
Rhodes	Double Cut	3.10

GRAFTING WAX

1/4 lb., 10c.; 15c. 1/2 lb.; 1 lb., 30c.; \$1.10 per 5 lbs.

GRAFTING TOOL

Parcel Post Weight, 1 lb.

Best English steel for grafting trees, etc.
With Wood Handle (see cut)....\$0.80
All Steel60

LEATHER PRUNING GLOVES

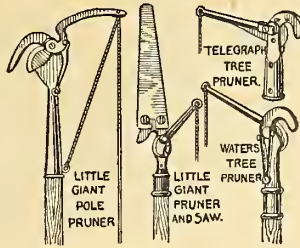
Buckskin, pair\$2.25
Buckskin, with gauntlets, pair..... 3.25

PRUNING COMPOUND

Used for painting the wounds of trees after pruning.

1 quart	\$0.50
1 gallon	1.10

TREE PRUNERS



Disston's Little Giant. Pruner.....\$1.60
Parcel Post Weight, 3 1/2 lbs.
Disston's Little Giant. With saw
attachment (see cut)..... 2.25
Parcel Post Weight, 4 lbs.

The above prices are for Pruner without rope or pole.

TELEGRAPH TREE PRUNER

Removable blade which can be renewed when worn out for 20c. Price, plain as in cut, \$1.15.

Parcel Post Weight, 2 lbs.

WATER'S TREE PRUNERS

With removable cutting blade and pole complete.

4 feet	\$0.90
6 "	1.15
8 "	1.35
10 "	1.60
12 "	1.80
14 "	2.00

Extra Blades for Waters Pruners, 20c. each.

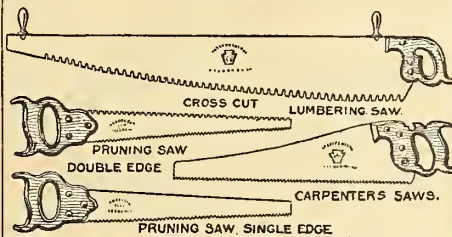
None of the above Tree Pruners except the Waters are equipped with poles or rope.

Poles for Tree Pruners.

12 feet long, 1 1/4 inches diameter	\$0.90
14 " " 1 1/2 " "	1.15
16 " " 1 1/2 " "	1.35

Waters Pruners are not mailable.

SAWS



CROSS-CUT LOG SAWS

One Man, 3 1/2-foot blade.....\$2.75
Two Man, 5-foot blade..... 4.50

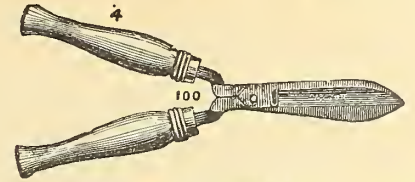
DISSTON PRUNING SAWS

	P. P. Wt.	Each
18-inch. Double edge	2 lbs.	\$0.80
20 " " "	2 lbs.	1.10
16 " Single edge	2 lbs.	.90
18 " " "	2 lbs.	1.10
20 " " "	2 lbs.	1.25
22 " " "	2 lbs.	1.35

CARPENTER SAWS

When ordering state if rip or cross cut.

Disston No. 8—26-inch blade	\$2.60
" No. 8—28 " "	2.70



HEDGE SHEARS

No.	Description	Plain Bolt
107	5 1/2-inch Ladies'	\$1.25
101	8 " "	1.60
101	9 " "	1.80
101	10 " "	2.05
101	12 " "	2.70

Lock Bolts, Nuts and Washers for hedge shears, 15c. each.

Saynor Hedge Shears (Fly Nut)

For very heavy hedges.
No. 101. 9 in..\$2.70 | No. 101. 10 in..\$2.90



SHOVELS

We handle only the very best makes of steel shovels. Every one guaranteed.

Short Handle

Description	Each
Ames, round point	\$2.00
Ames, square point	2.00
Maynard, solid socket, square point	2.00
Maynard, solid socket, round point	2.00
Imperial, round point	1.20
Imperial, square point	1.20

Long Handle

Ames, round point	\$2.00
Imperial, round point	1.20
Imperial, square point	1.20
Featherweight, round point, 4 1/4 lbs.	1.35
Maynard, round point	2.00



SPADING FORKS

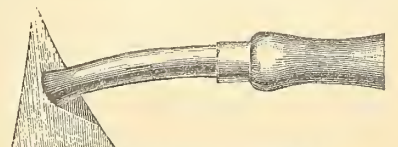
Strapped shanks, short or D-wood handle. Made of best quality steel.

No. O H W. Men's 4 tine	\$1.40
No. O H W 5. Men's 5 tine	1.65
No. B 4 D. Boys' or Ladies', 4 tine	.75
No. E B 4. English 4 tine	1.65



STEEL SPADES

Description	Each
Ames, Short Handle	\$2.00
Maynard, Short Handle	2.00
Nursery (Ames), Short Handle	2.25
Imperial, Short Handle	1.20
Long Handled Imperial	1.35
Boy's	1.20

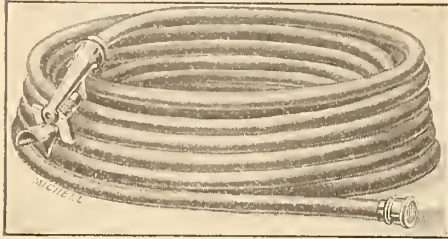


TREE SCRAPERS

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Price, 65c.

Michell's Garden and Greenhouse Accessories

HOSE EQUIPMENTS



RUBBER HOSE

Special attention is called to "Empire Red" Hose, a new brand which, having been thoroughly tried out, has made good.

*Michell's Special, 1/2 in.	.....	\$0.14
" " 3/4 in.	.....	.16
Electric, 3/4 in.	.....	.18
" " 1/2 in.	.....	.16 1/2
*Revero, 3/4 in.	.....	.17
" " 1/2 in.	.....	.15 1/2
*Empire Red (corrugated) 3/4 in.	.....	.17
Bull Dog, 5/8 in., 7-ply	.....	.16
Spray Pump Hose, 3/8 in.	.....	.11

P. S.—Brands marked * come in reels of 500 feet and sections in any length to that number of feet may be had.

25 and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 25c. per pair for couplings.

Hose Washers. For inside and outside of couplings. 6c. doz.; 1/4 lb., 20c.

HOSE BANDS

For fastening couplings and menders.

CALDWELL'S

No.	Doz.	100
8—For 3-ply hose	.....	\$0.35 \$2.25
6—For 4-ply hose	.....	.35 2.25
P. Post Weight, doz., 1 lb.; 100, 2 1/4 lbs.		

HUDSON'S

3/4 inch	Doz.	100
I	.....	\$0.15 \$0.90
	.....	.18 1.10
P. Post Weight, doz., 1/4 lb.; 100, 2 1/4 lbs.		

SURE GRIP

3/4 inch, 4c. each; per doz., 40c.

P. Post Weight, doz., 1 lb.; 100, 9 1/2 lbs.

BRASS HOSE COUPLINGS

	P. P. Wt.	Doz.	Pair	Doz.
1/2 inch	.....	3 1/4 lbs.	\$0.25	\$2.75
3/4 "	.....	4 lbs.	.25	2.75
I "	.....	5 lbs.	.30	3.00

SNAP HOSE COUPLINGS

Snap Couplings. 28c. pair; doz. pairs, \$3.10. (Washers, 18c. doz.)

Parcel Post Weight, per doz., 2 1/2 lbs.

SNAP COUPLING PARTS

No. 2—Male, 11c. each; per doz., \$1.20. Parcel Post Weight, per doz., 1 1/4 lbs.
No. 1—Female, 18c. each; per doz., \$1.90. Parcel Post Weight, per doz., 1 1/4 lbs.



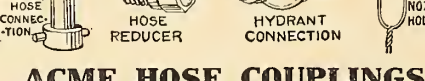
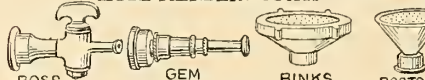
HOSE BANDS



HOSE COUPLINGS.



HOSE MENDERS.



ACME HOSE COUPLINGS

No. 3 part, for attaching to spigot, 17c. each; doz., \$1.90.
Parcel Post Weight, per doz., 3 lbs.
No. 4 part, for attaching to hose, 27c. each; doz., \$3.15. Weight, doz., 3 lbs.
Couplings complete, consisting of one No. 3 and one No. 4 part, 45c. each; per doz., \$5.00. Weight, per doz., 6 lbs.

HOSE MENDERS

Cooper's, 3/4 in.	.....	Each \$0.08	Doz. \$0.80	100 \$6.00
" 5/8 in.	.....	.08	.80	6.00
" 1/2 in.	.....	.08	.80	6.00
Jones', 3/4 in. (iron)	.....	.05	.50	3.75
Hudson's, 3/4 in. (brass)	.....	.04	.42	3.00
" 1/2 in. (brass)	.....	.04	.40	3.00
Republic Hose Menders, 3/4 in. (screw sleeve)	.....	.12	1.20	

THE PERFECT HOSE MENDER

For 3/4-inch hose, 12c. each; doz., \$1.20; \$9.00 per 100.
Parcel Post Weight, per doz., 1 3/4 lbs.

HOSE MENDING OUTFIT

(For 3/4-inch Hose)
Consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands. Price, 75c. each.
Parcel Post Weight, 1 lb.

BOSS HOSE NOZZLE

Price, 75c. each. For 3/4-inch hose.
Parcel Post Weight, 1/2 lb.

GEM HOSE NOZZLE

3/4-inch hose. Regulated to give three different streams. Price, 55c.
Parcel Post Weight, 1/2 lb.

THE BINKS NOZZLE

Made of aluminum, with brass face, equipped with interchangeable sprays, coarse and fine. \$2.60 each; worth twice the price.

Parcel Post Weight, 1 1/4 lbs.

BOSTON SPRAY NOZZLE

(For 3/4-inch Hose)

Light Copper	.....	P. P. Wt. 1/2 lb.	Price \$0.75
Heavy Brass	.....	1 lb.	1.10

RAINBOW NOZZLE

An all-brass device with an adjustable arrangement, which regulates in a perfect manner the character of the stream this nozzle will throw. For 3/4-inch hose.
(Parcel Post Weight, 1 lb.) Price, \$2.00.

PLAIN STREAM NOZZLES

(For 3/4-inch Hose)

	P. P. Wt.	Price
5 inch	.....	.4 ozs. \$0.35
6 "	.....	.6 ozs. .40
7 "	.....	.8 ozs. .45

SIAMESE HOSE CONNECTION

This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. Price, 75c. each.
Parcel Post Weight, 1 lb.

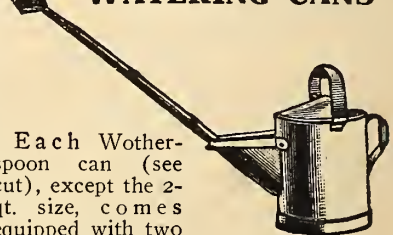
HOSE REDUCERS

Reduces 1-inch pipe to fit regular 3/4-inch hose. All brass.
Each \$0.40
Parcel Post Weight, 1 1/2 lbs.

HYDRANT ATTACHMENTS

Used for attaching hose to smooth faucets.
Royle Style \$0.35
Parcel Post Weight, 1/2 lb.
Boyd Style30
Parcel Post Weight, 1/2 lb.

WATERING CANS



Each Wother- spoon can (see cut), except the 2-qt. size, comes equipped with two roses, one coarse and one fine.

	Wotherspoon	Make	Galvanized	Light
	Round	Oval	Make	Make
2-quart	.....	\$1.35		
4-quart	.....	2.25		\$0.55
6-quart	.....	2.50	\$2.75	.75
8-quart	.....	2.75	3.00	.80
10-quart	.....	3.00	3.25	.95
12-quart	.....	3.50	3.75	1.10
16-quart	.....	4.00	4.25	1.35
20-quart	.....			2.00
12-qt. Manure Watering Can	.....			\$4.00
4-qt. Fern or Low Watering Can	.....			2.00
Extra Roses for Wother- spoon Watering Can, either coarse or fine, 35c. each.				
Rubber Aprons for watering, etc., made of extra heavy material, brass eye-lets, \$2.00 each.				



STEEL GARDEN RAKES

Made of best cast steel, with long teeth for penetrating the ground.

No. 6—6 tooth...\$0.55	No. 12—12 tooth...\$0.65
8—8 tooth... .60	14—14 tooth... .70
10—10 tooth... .60	16—16 tooth... .75



STEEL GRAVEL RAKES

These rakes are used for road-raking and for paths. Having very short teeth they do not gather up stones or gravel.

No. G12—12 tooth.\$0.60	No. G16—16 tooth.\$0.80
G14—14 tooth. .75	G18—18 tooth. .85
No. G20—20 tooth.....\$1.00	



STEEL BOW RAKES

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

No. B11—11 tooth.\$0.75	No. B13—13 tooth.\$0.80
No. B15—15 tooth.....\$0.85	



WIRE LAWN OR GRASS RAKE

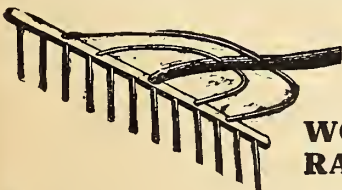
Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible. No. 2046—46 tooth for putting greens, 90c. each.

124R—24 tooth.\$0.55	36LR 36 tooth.\$0.90
----------------------	----------------------



OLE OLSEN LAWN RAKES

This rake head is slightly curved from the centre to each end which does not allow any material that has been caught by the teeth to slip around the edges. 26 tooth, hickory wood. Price, 65c.

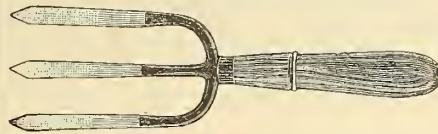


WOODEN RAKES

No. Ames 30X, 14 tooth, wood bows.	
For hay (see cut).....	\$0.60
Ames 37X, 24 tooth, steel bows.	
For lawns .....	.85
20 tooth, lawn, wire braced.....	.45



25c. each; doz., \$2.75



Eureka Weeding Fork, 30c. each; doz., \$3.00.

Eureka Weeder, 30c. each; doz., \$3.00
Magic Weeder, 20c. each; \$2.00 per doz.



DIBBLES

Iron, wood handle....each, \$0.45
Brass, wood handle....each, .75



Hazeltine Weeder, 35c. each; doz., \$3.50



MAKEFIELD WEEDER

A most practical Tool, invented by a practical trucker. Price, 50c.



TROWELS No. 211

These are made of one piece steel blade and shank, equal to the imported trowels

Each	Doz.	Each	Doz.
5 inch..\$0.45	\$4.80	6 inch..\$0.55	\$6.00
7 inch.. .65	7.25	8 inch.. .70	8.00

STEEL SHANK TROWEL

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 75c. each; doz., \$8.00.

CLEVE'S ANGLE TROWEL

For getting dandelion, plantain and other weeds out of the lawn, etc.
5-in....\$0.15 | 6-in....\$0.20 | 7-in....\$0.25

MISCELLANEOUS TROWELS

No. 213—5-in., Thin Steel. Each, 10c.; doz., \$1.00
213—6-in., Thin Steel. Each, 12c.; doz., \$1.25
5—6-in., Heavy Steel. Each, 20c.; doz., \$2.00.

MARKING RAKES

These are for marking out garden rows; adjustable brass teeth, which are set for any width row desired up to 4 1/2 ft. Price, \$6.50. (Extra teeth, 55c. each.)



HALF MOON HOES

Best steel, solid sockets, which will not pull out.

No. HM3—3-inch..\$0.60	HM6—6-inch..\$0.75
HM4—4-inch.. .65	HM7—7-inch.. .80
HM5—5-inch.. .70	HM8—8-inch.. .85



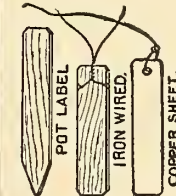
SQUARE HOES

No. G06—6-inch, solid shank.....	\$0.70
G07—7-inch, solid shank.....	.75
G08—8-inch, solid shank.....	.80

SQUARE CELERY HOES

No. 10—10-inch..\$1.15	K14 1/2—14-inch..\$1.60
------------------------	-------------------------

WOOD TREE LABELS, ETC.



Parcel Post Weight on Tree Labels, 1/2 lb. per 100.

Iron Wired. 100 1000
Plain\$0.15 \$1.00

Iron Wired.
Painted20 1.25

Copper Wired. Plain..... .20 1.25
Painted25 1.55

Copper Sheet, wired..20c. doz.; 100, \$1.35

Zinc Sheet, wired.....20c. doz.; 100, \$1.35

Indelible Marking Pencils.....each, 8c.

PAINTED POT LABELS

	P. P. Wt.	100	100	1000
4 inch.....	1/2 lb.	\$0.15	\$1.00	
4 1/2 "	1/2 lb.	.18	1.10	
5 "	1/2 lb.	.20	1.25	
6 "	3/4 lb.	.25	1.50	
8 "	2 lbs.	.60	4.50	
10 "	2 1/2 lbs.	.75	6.00	
12 "	3 lbs.	.90	7.50	
18 " for field use.....	3.25	30.00		

MICHELL'S FLOWER POTS, TUBS, Etc.

Orchid Pan Earthen Fern Pan Fern Dish Liner Seed Pan Wood Fibre Flower Vase



Cedar Tub Keystone Tub Earthen Flower Pot Azalea Pot Earthen Bulb Pan Earthenware Saucer Wood Fibre Saucer Rolling Stand

EARTHENWARE SAUCERS

These cannot be sent by Parcel Post.

	Doz.	100
4 inches	\$0.18	\$1.20
5 "	.24	1.60
6 "	.36	2.40
7 "	.48	3.20
8 "	.66	4.40
9 "	.90	6.00
10 "	1.08	7.20
11 "	1.32	8.80
12 "	1.62	10.80
14 "	2.70	18.00

WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof.

Parcel Post Weight Each	Doz.	100
5 inches... 1/4 lb.	\$0.23	\$2.03
6 " " " 1/4 lb.	.24	2.74
7 " " " 1/2 lb.	.26	2.91
8 " " " 1/2 lb.	.27	3.08
9 " " " 3/4 lb.	.30	3.42
10 " " " 3/4 lb.	.32	3.65
12 " " " 1 1/4 lbs.	.38	4.34
14 " " " 1 1/2 lbs.	.48	5.47
16 " " " 2 lbs.	.87	9.92
18 " " " 2 1/2 lbs.	1.02	11.64

ROLLING STANDS (Wood Fibre)

Parcel Post Weight	Will Fit Pot	Each
12.....2 lbs.	10 in.	\$0.85
14.....2 1/2 lbs.	12 "	1.05
16.....3 lbs.	14 "	1.42
18.....3 1/2 lbs.	16 "	1.68
20.....	" 7-6	2.00
22.....	" 5	2.50

Rolling stands sold complete only.

ORCHID PANS (Earthen)

	Each	Doz.
4 inches	\$0.09	\$0.90
5 "	.12	1.35
6 "	.18	1.60
8 "	.25	2.25
10 "	.40	4.00
12 "	.60	6.00

Orchid pans not mailable.

EARTHEN FERN PANS

These cannot be sent by Parcel Post.

Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	...	\$0.36	\$2.40
4 3/4 "	2 1/8 "	...	.48	3.20
5 1/2 "	2 1/4 "	...	.60	4.00
6 1/4 "	2 1/2 "	\$0.07	.72	4.80
7 "	2 5/8 "	.09	.84	5.60
8 "	3 1/8 "	.11	1.20	8.00
9 "	3 1/4 "	.14	1.44	9.00

FERN DISH LINERS

These cannot be sent by Parcel Post. Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
7 in.	1 7/8 in.	...	\$0.09	\$1.08

SEED PANS (Earthenware)

	Each	Doz.	100
6 inches	\$0.55	\$6.00	\$40.00
8 "	.74	8.04	53.60
10 "	.92	10.08	67.20
12 "	1.10	12.00	80.00

WOOD FIBRE FLOWER VASES

No.	Diam.	Depth	Weight	Each	Doz.
0	8 in.	13 in.	4 lbs.	\$1.15	\$11.75
1	5 1/2 "	10 "	2 1/2 lbs.	.92	8.75
2	4 1/2 "	9 "	1 1/2 lbs.	.80	8.15
3	4 "	6 "	1 1/2 lbs.	.68	6.80
4	3 "	4 1/2 "	3/4 lbs.	.53	5.35
00	9 "	21 "	6 lbs.	4.00	40.80
11	5 "	18 "	4 lbs.	1.25	12.75
22	4 1/2 "	15 "	2 lbs.	.75	9.70
33	4 "	12 "	2 lbs.	.80	8.15
44	3 "	9 "	1 lb.	.68	6.80

KEYSTONE FERN TUBS

No.	Inside Diam.	Inside Depth	Each	Doz.	100
15	8	5	\$0.55	\$6.00	\$42.50
16	10	5 1/2	.65	6.50	50.00
17	12	6	.85	8.50	67.50
18	14	6 1/2	1.10	11.00	87.50

PAPER FLOWER POTS

Ins.	Parcel Post per doz.	Weight per 100	100	1000
2 1/4	3 ozs.	2 lbs.	\$0.40	\$3.05
2 1/2	3 ozs.	2 lbs.	.45	3.55
3	5 ozs.	2 lbs.	.60	4.70
3 1/2	7 ozs.	3 lbs.	.80	6.50
4	8 ozs.	4 lbs.	1.00	8.00
5	15 ozs.	7 lbs.	1.50	13.10
6	2 lbs.	11 lbs.	2.00	17.60

AZALEA POTS

	Each	Doz.	100
5 in. 4 1/2 in.	\$0.04	\$0.43	\$2.88
6 " 5 "	.06	.65	4.32
7 " 6 "	.09	1.08	7.20
8 " 7 "	.15	1.56	10.40
9 " 7 1/2 "	.22	2.40	16.00
10 " 8 "	.30	3.24	21.60

EARTHEN BULB PANS

	Each	Doz.	100	1000
6 inches	\$0.06	\$0.65	\$4.32	\$35.10
7 "	.10	1.08	7.20	58.50
8 "	.15	1.56	10.40	84.50
9 "	.22	2.40	16.00	130.00
10 "	.30	3.24	21.60	175.50
12 "	.61	6.60	44.00	357.50
14 "	.99	10.80	72.00	585.00

EARTHEN FLOWER POTS

Height and Width inside	Doz.	100	1000
1 inch	\$0.11	\$0.72	\$5.85
1 3/4 "	.09	.60	4.87
2 "	.09	.60	4.87
2 1/4 "	.11	.68	5.52
2 1/2 "	.12	.80	6.50
3 "	.15	1.04	8.45
3 1/2 "	.19	1.28	10.40
4 "	.24	1.60	13.00
4 1/2 "	.32	2.16	17.55
5 "	.43	2.88	23.40
5 1/2 "	.54	3.60	29.25
6 "	.65	4.32	35.10
6 1/2 "	.87	5.76	46.80
7 "	1.08	7.20	58.50
8 "	1.56	10.40	84.50
9 "	2.40	16.00	130.00
10 "	3.24	21.60	175.00
11 "	4.80	32.00	260.00
12 "	6.60	44.00	357.50
14 "	10.80	72.00	585.00

CEDAR TUBS

Equipped with Strong Iron Hoops. These are made by hand, of the very best white cedar painted green.

No.	Outside Diam.	Length of Stave outside	Black Iron Hoop
0	27 in.	24 in.	\$6.50
1	25 "	22 "	6.00
2	23 "	20 "	5.50
3	21 "	18 "	5.00
4	19 1/2 "	16 "	4.00
5	18 "	14 "	3.75
6	16 1/2 "	13 "	3.25
7	15 "	12 "	2.75
8	12 "	10 "	2.50

MICHELL'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 12c. per pair.

No.	Inside Diam.	Depth	Each	Doz.	100
1	6 in.	6 in.	\$0.50	\$5.00	\$40.00
2	7 "	7 "	.55	5.75	42.50
3	8 "	8 "	.60	6.25	47.50
4	9 "	9 "	.65	6.75	50.00
5	10 "	9 "	.70	7.25	55.00
6	11 "	10 "	.90	9.50	70.00
7	12 "	11 "	1.00	11.00	82.50
8	13 "	12 "	1.25	13.50	105.00
9	14 "	13 "	1.40	15.00	117.50
10	15 "	14 "	1.65	17.50	
11	16 "	15 "	2.00	20.00	
12	17 "	16 "	2.25	24.00	
13	18 "	17 "	2.60	28.00	
14	19 "	18 "	3.00	32.50	

No. 2 Special Pail Tub, 10 3/4-in. diam.; 8 in. deep. 50c. each; doz., \$5.25; \$37.50 per 100.

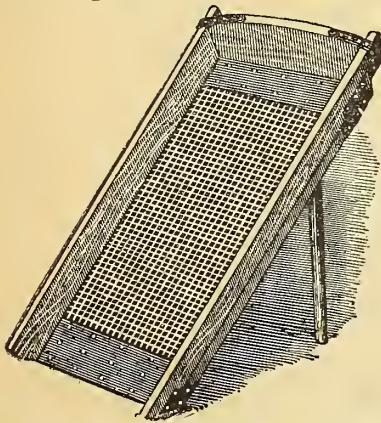
THE CLARK WAGON HEATER

This indestructible steel wagon heater is admirably suited to the needs of all who operate delivery wagons for goods subject to freezing. It yields a strong, steady heat without smoke or odor. *Strong, safe and practical.* Price, \$2.25 each.

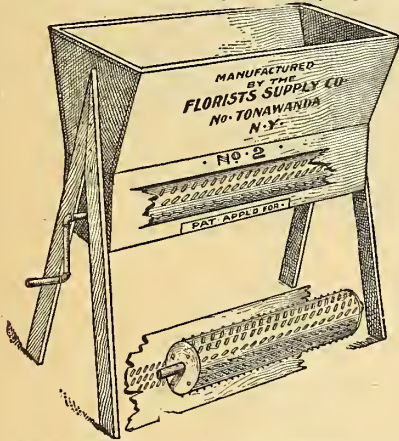


SIEVES (ANY SIZE MESH)

Made extra well, of galvanized wire and hard wood. Each
 20 inch Foundry (extra heavy).....\$1.25
 20 inch Regular wire 1.10
 18 inch Regular wire 1.00



Large Upright Sieve for soil, gravel, sand, etc. Made in any size mesh, of extra heavy foundry wire. \$11.50 each.



Sod Crusher and Soil Pulverizer

These machines are equipped with a hopper, and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding the necessity to sift.

No. 1, \$16.00 | No. 2, \$21.00 | No. 3, \$31.00

We can also supply Wolff's Automatic Soil Sifters. Write for prices.

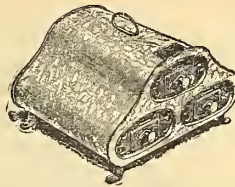
Liquid Manure Distributor (See Opposite)

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. All Brass.

Price, \$3.25 each. (Parcel Post weight, 2 lbs.)

WAGON AND AUTOMOBILE HEATERS

These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

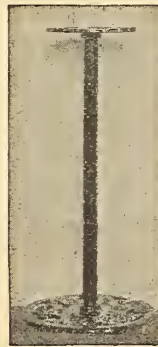


- No. Each
 2. Single drawer, 14 in. long.....\$3.50
 7B. 20 in., single drawer, Brussels carpet 5.00
 10. Three drawers. (See cut.).... 8.50
Lehman Coal for Wagon Heaters. 70c.
 per doz. bricks; per 100, \$5.25.
Tongs for Handling Hot Coals. 25c.

IRON PLANT STANDS STAR STYLE

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.

Height	Each	Doz.
12 inches	...\$0.85	\$10.00
18 "	... .90	10.50
24 "	... 1.25	14.00
30 "	... 1.30	15.00
36 "	... 1.35	16.00
42 "	... 1.40	16.50



SUPERIOR STYLE

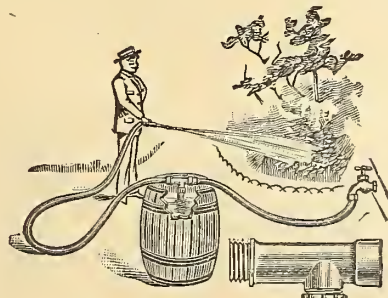
Can be tilted to set your plants at any angle desired to produce the proper decorative effect. Enameled green.

Height	Size of Plates	Price Each	Per Doz.
12 inch	.....5 x 7	\$0.75	\$8.50
18 "	.....5 x 7	.85	9.00
18 "	.....8 x 10½	1.25	14.50
24 "	.....8 x 10½	1.35	15.50
30 "	.....8 x 10½	1.40	16.50
36 "	.....8 x 10½	1.50	17.00
42 "	.....8 x 10½	1.60	18.00
48 "	.....8 x 12	1.75	20.00
60 "	.....8 x 12	1.85	21.00
72 "	.....8 x 12	2.00	23.00

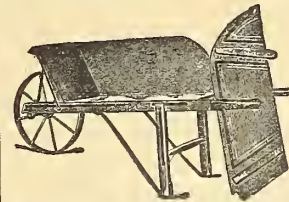
EXTRA PLATES FOR IRON STANDS

For Superior and Star Stands

	Each
5 inch.....	\$0.25
7 ".....	.40
8 ".....	.50
10½ ".....	.65
12 ".....	.80



WHEELBARROWS MICHELL'S SPECIAL GREENHOUSE



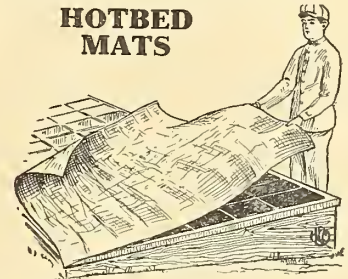
This is a very narrow barrow, designed for use in aisles of a greenhouse. Box measures inside 14 ins. in front, 17 ins. in back, and 12 inches deep. Handles, 4 feet, 8 inches long. Spread of handles at hand hold 20 inches, which is extreme width of barrow. Furnished in 18-inch diameter wheel. Nicely painted and striped. Price, each, \$8.00.

OTHER WHEELBARROWS

No.	Tire in.	Length in.	Depth in.	Width in.	Price
Eastern	....3	1½	28	11	\$4.75
"	....4	3	26¼	11½	5.50
"	....5	3	28¼	11¾	6.00
Boy's size	....2	2	21¾	9¼	3.75
Canal—Side dump (bolted)					3.50

The "Eastern Style" is substantially built, carefully braced and bolted, just the kind of a barrow you would expect to give you long, faithful service.

HOTBED MATS



Hotbed mats keep frosts and severe cold out of frames. They mean earlier and bigger crops.

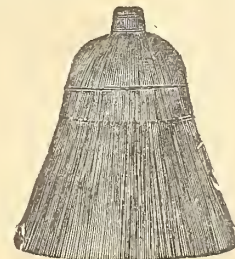
The Burlap are the best mats that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible. The straw mats dry out more readily and are preferred by many gardeners.

Burlap. 76x76 inches, covering two regular size sash. Each, \$2.50; doz., \$27.50.

Burlap. 40x76 inches, for one sash. Each, \$1.75; doz., \$20.00.

Straw Mats. 3x6 feet.....\$1.20 \$13.50
 " 6x6 feet..... 1.75 19.50

At the present time it is not possible to furnish the Duck and Burlap style mats as formerly made.



GREENHOUSE BROOM

Made of Japanese Fibre. No wear out to it. Price, 65c.; each; 2 for \$1.25.

Michell's Horticultural and Agricultural Accessories

SPRAY PUMPS



Deming Fig. 550
—Fitted with brass cylinders. Equipped with an automatic agitator. Will throw a stream 40 feet. **Plain Pump**, no hose, nozzle or barrel. \$10.50.

Outfit A—Pump, with 12½ ft. ½-in. hose, fitted with a Bordeaux or Vermorel nozzle and pole connection for reaching into trees, no barrel. \$13.75.

Outfit B—Pump, with two 12½-foot sections of ½-in. hose, two Bordeaux or Vermorel nozzles, pole connection, no barrel. Price, \$17.25.

Century No. 645—Price for plain pump, no barrel or hose, \$13.25.

Price, complete, with 12½ ft. ½-in. hose and nozzle, no barrel, \$16.75. Price, with two 12½-ft. leads, hose and nozzles, no barrel, \$19.00.

Barrels, with trunnions ready to mount on truck, with cut head, \$6.00.

No. 651 Gardener's Choice—The greatest value in spray pumps we have; the reservoir holds 25 gals.; the pump has brass cylinder, and it is a complete equipment with hose and nozzle. Just the proper thing for use in greenhouses with wide aisles or without benches. Price, \$24.00.

Iron Age No. 1901—Capacity, 50 gals.; equipped with 15 ft. ½-in. hose, 1 nozzle, . . .

Equipped with two 15-ft. lengths of ½-in. hose and 2 nozzles, . . .

Iron Age No. 194—Equipped with a 50-gal. barrel, 15 ft. of ½-in. hose and nozzle, . . .

Iron Age No. 194—Equipped with hose and nozzle only, . . .

Plain pump, without hose or nozzle,

Iron Age No. 194T—This is the same as the above pump equipped with a 2½-in. truck, barrel, 15 ft. of ½-in. hose and nozzle, . . .

Iron Age No. 194T—Without hose or nozzle, . . .

Iron Age No. 195—Really a duplicate of No. 197, except that it is equipped with a 16-qt. bucket and a 2-ft. extension rod, . . .

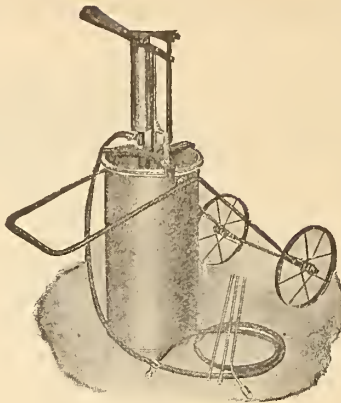


SPRAY BUCKET PUMPS

These are made entirely of brass except the foot rest, bucket fastener and hand grip. For years we have sold them with entire satisfaction. The prices below do not include bucket, but include nozzle and 3½ feet of ¾-in. hose.

No. 256 Success (without bucket fastener), . . .

No. 689 Perfect Success (with bucket fastener), . . .



No. 3 Paragon Sprayer

THE PARAGON SPRAYER

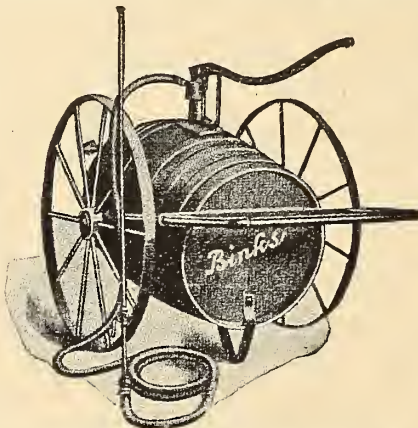
Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir; although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or cold water paint.

No. 0—With a 3-gal. reservoir, 4 ft. of hose, nozzle and extension pipes. \$9.50.

No. 1—With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$12.00.

No. 3—Equipped with a 12-gal. tank mounted on a truck, three 2½-ft. extension pipes, 2 nozzles and 10 ft. of hose, \$17.25.

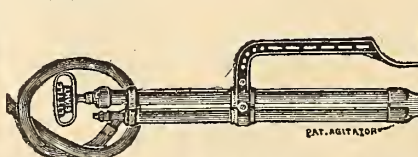
No. 4—Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles. Complete, \$26.00.



BINKS SPRAYER No. 15

Wherever it is impossible to get about with a team and wagon the above outfit is recommended very highly. Outfit consists of a 30-gallon barrel with 32-inch wheels. The pump is securely attached to barrel by a clamping device.

Complete as illustrated, with 10 feet ½-in. hose; ½-in. cock spray and spray nozzle. Price, \$23.75.



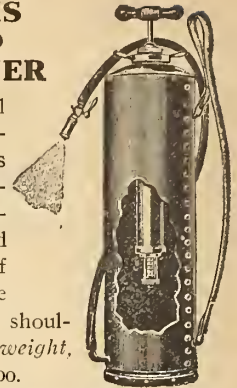
MYER'S BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer.

Price, \$4.75, including hose and nozzle.

No. 22 BINKS COMPRESSED AIR SPRAYER

Galvanized steel tank, 5 gallons capacity. Brass pumps with a patent clamping device, equipped with 3 feet of hose, spray nozzle shut off cock and shoulder strap. *P. P. weight*, 15 lbs. Price, \$7.00.



THE AUTO SPRAY



Auto Spray in Operation

No. 1-A Brass equipped with hose and regular nozzle, \$9.00.

No. 1-B Brass equipped with hose and Auto-Pop Attachment, \$9.50.

No. 1-C Galvanized Iron equipped with hose and regular nozzle, \$5.75.

No. 1-D Galvanized Iron equipped with hose and Auto-Pop, \$6.25.

Auto-Pop Nozzle Attachment controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately, \$1.60 each. *P. P. weight*, 1 lb.

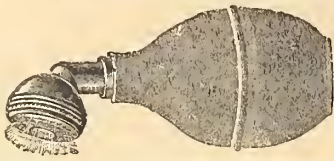
It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 lbs. No sprayer is sold under broader guarantee for efficiency and durability. They will successfully spray bushes, shrubbery and trees, the latter with the use of extension pipes. The brass tank sprayer is the best, as corrosive solutions can be used in it without injuring the same. Auto-Sprayers are not mailable.

DEMING KNAPSACK SPRAYERS

These are elegant for carrying around the garden among shrubbery, etc.

Fig. 675. Copper tank, holding about 5 gals., complete, with pump, nozzle and hose. Price, \$21.50.

Fig. 564. Galvanized tank, holding about 5 gals., complete, with pump, nozzle and hose. Price, \$12.00.



SPRAYWELL RUBBER SPRINKLERS

For sprinkling cut flowers, seedlings, etc. Either Straight or Crook Neck.
 6 ozs. capacity\$0.60
 8 ozs. capacity80
 10 ozs. capacity 1.00



WIRE SNIPS

Each
 No. 833—7½ inches, short blade.....\$0.90
 No. 832—8 inches, long blade..... .90
 8 inches, heavy, P.P.Wt. 1 lb..... 1.10
 10 inches, heavy, P.P.Wt. 2 lb. No. 12, 1.35

PAPER FOR FLOWERS

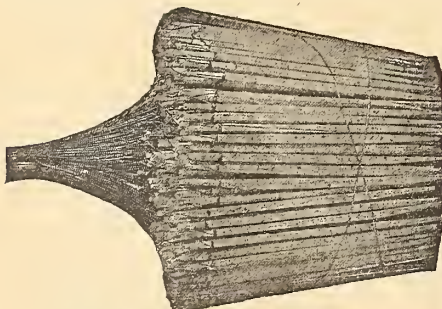
	Sheets per Ream	Lb.	Ream
Manilla. For wrapping.	480	\$0.12	\$3.00
Manilla. Tissue	480	.18	1.60
Wax. White. Best quality, 24 x 36 inches....	480	.32	2.75
Wax. Green. Best quality, 24 x 36 inches....	480	.35	3.10

MOSS



We make a specialty of long, clean, selected sphagnum moss; florists will find the quality we furnish to be much better than the average.

Sphagnum, Live or Green. Peck, 20c.; 70c. per bush; per bbl., \$1.75.
Sphagnum, Dry. Barrel bales 65c., if called for; (if shipped, 75c.).
Sphagnum, Dry. 5-barrel bales, \$2.00 (5 bales for \$9.00).
Green Lump. Peck, 25c.; 75c. bush.; bbl. bag, \$1.75.
Green Sheet. Per bundle, 60c.; per bale of 5 bundles, \$2.00.



WIRED TOOTH PICKS

As a labor saver have no equal. Furthermore, they are always ready.
Regular Size, 10,000, \$2.25; 50,000 for \$9.00.
6-inch Size, dyed green, \$1.50 box of 3,000.
Plain Tooth Picks, 5c. box, doz. boxes 55c.

TINFOIL

Plain. Put up in rolls of 5 lbs., 5 in. wide, \$1.10 per roll.
Plain, in 1-lb. pkgs., 22c. per lb.; \$1.10 per 5 lbs.
Violet Foil. 45c. per lb.; 5 lbs., \$2.15.
Green Foil. 45c. per lb.; 5 lbs., \$2.15.
Patent Cutter for rolls of Tinfoil, 35c. each.



CORRUGATED PAPER CUT FLOWER BOXES

Used almost exclusively for carrying and shipping cut flowers; they are lighter than wooden ones, carrying the contents as safely, will stand numerous trips, and when needed to be replaced involve small expense.

Special sizes to order in lots of not less than 100 of a kind. Price on application.

	Each	Doz.	100
48 x 14 x 8 inch.....	\$0.50	\$5.00	\$35.00
42 x 14 x 8 inch.....	.40	4.00	31.00
36 x 14 x 6 inch.....	.35	3.50	25.00
30 x 8 x 5 inch.....	.30	3.00	17.50
24 x 8 x 5 inch.....	.20	2.00	15.00

LIGHT WEIGHT PAPER BOXES

	Per Doz.	Per 100	Per 1000
16 x 4 x 3 inch.....	\$0.40	\$3.20	\$30.40
18 x 5 x 3 inch.....	.45	3.60	34.20
18 x 7½ x 3½ inch.....	.60	4.80	50.40
20 x 4 x 3 inch.....	.45	3.50	33.30
21 x 5 x 3½ inch.....	.50	4.10	38.90
21 x 8 x 4 inch.....	.75	5.80	55.10
23 x 7 x 3½ inch.....	.70	5.50	53.20
24 x 5 x 3½ inch.....	.55	4.70	44.60
24 x 6 x 4 inch.....	.70	5.50	53.20
24 x 8 x 4 inch.....	.80	6.30	59.80
24 x 8 x 5 inch.....	.88	7.00	66.50
30 x 5 x 4 inch.....	.75	6.10	58.00

HEAVY WEIGHT PAPER BOXES

	Per Doz.	Per 100
23 x 12 x 5 inch.....	\$1.45	\$12.50
28 x 8 x 4 inch.....	.90	9.20
28 x 8 x 5 inch.....	1.40	10.20
30 x 9 x 4 inch.....	1.45	10.20
30 x 9 x 6 inch.....	1.60	12.70
30 x 12 x 6 inch.....	1.70	14.00
30 x 14 x 6 inch.....	2.50	19.50
36 x 6 x 5 inch.....	1.45	11.60
36 x 8 x 5 inch.....	1.60	12.50
36 x 12 x 6 inch.....	2.00	15.00

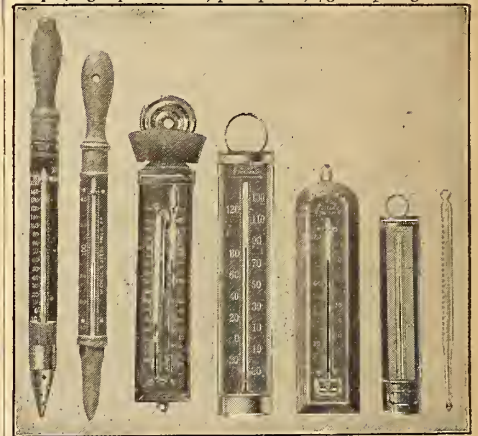
SPECIAL NOTE.—If customers desire their boxes printed this can be done very readily. There is no charge when the order amounts to 500 or more in one or assorted sizes; if less are ordered the charge for printing in one color is \$1.00 for the lot.

We can also supply Violet Boxes, green and grey felt board boxes.



CARNATION MENDING DEVICES

Staples. For calyx mending. 35c. per 1000, 5000 for \$1.50, \$2.80 for 10,000, 25,000 for \$6.50, \$12.50 for 50,000.
Rubber Bands. Ounce, 25c.; ¼ lb., 85c.; ½ lb., \$1.60; 1 lb., \$3.00.
Bauer Carnation Outfits
Pliers and 1000 clips, \$2.50.
Pliers, each, \$2.00.
Clips, 65c. per 1000; postpaid; \$3.00 per 5000.



THERMOMETERS

Maximum and Minimum. Registering the coldest and the warmest point during the previous night. 8-inch, each, \$3.25; 10-inch, each, \$3.75.

Tested Grade. These thermometers are accurate and may be depended upon.

	Each	Doz.
No. 5420B—8 in., Tin Case.....	\$0.45	\$4.50
No. 5420B—10 " " " ".....	.60	5.75
No. 5154—8 in., Coppered Case.....	.65	6.50
No. 5154—10 " " " ".....	.85	8.50
No. 5100—8 in., Wood Back, Black Scale.....	1.10	12.00
No. 5100—10 in., Wood Back, Black Scale.....	1.25	13.50

Standard Grade. White scale, tin case; very reliable.
 No. 5420W—8 in.....\$0.35 \$4.00
 No. 5420W—10 "..... .50 5.00
 No. 5724 Daisy..... .25 2.75

MUSHROOM OR HOTBED THERMOMETERS

No. 1—Brass Point.....each, \$1.50
 No. 2—Galvanized Iron Point. " 1.00

No. 1—Thermostat. This will be found far more reliable than the old method of having a thermometer attached to an ordinary thermostat and bell. Furnished complete with the exception of wire, battery and bell. All brass. Not waterproof style, \$8.00; waterproof style, \$10.00.

MICHELL'S WIRE DESIGNS

Carefully and Substantially Made

WHEN ORDERING PLEASE STATE NUMBER AND SIZE

ANCHORS—FLAT.

No. 1.

10 inch...each \$0.11	20 inch...each \$0.23
12 inch...each .13	22 inch...each .26
14 inch...each .15	24 inch...each .36
16 inch...each .17	30 inch...each .68
18 inch...each .21	36 inch...each 1.10

ANCHORS ON BASE.

No. 3.

STANDING ANCHORS.

Measure not including base.

10 inch...each \$0.19	20 inch...each \$0.44
12 inch...each .22	22 inch...each .50
14 inch...each .27	24 inch...each .60
16 inch...each .32	30 inch...each 1.25
18 inch...each .38	36 inch...each 1.75

ANCHOR AND CROSS.

No. 13.

12 inch...each \$0.15	21 inch...each \$0.30
15 inch...each .18	24 inch...each .35
18 inch...each .22	

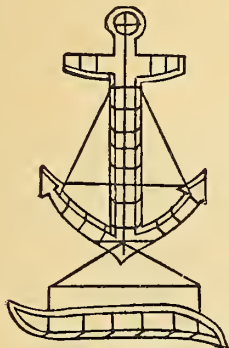
ANCHOR AND CROSS STANDING.

Measure not including base.

12 inch...each \$0.30	21 inch...each \$0.44
15 inch...each .35	24 inch...each .55
18 inch...each .40	

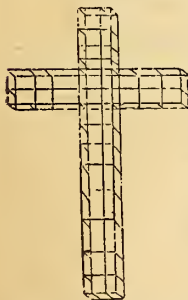
ANCHOR ON RECLINING STAND.

No. 2.



12 inch...each \$0.35	20 inch...each \$0.55
14 inch...each .40	22 inch...each .65
16 inch...each .45	24 inch...each .90
18 inch...each .50	

CROSSES (FLAT) No. 74.



10 inch.....each \$0.06
12 inch.....each .07
14 inch.....each .08
16 inch.....each .09
18 inch.....each .10
20 inch.....each .11
22 inch.....each .13
24 inch.....each .15
26 inch.....each .18
28 inch.....each .22
30 inch.....each .25
32 inch.....each .30
34 inch.....each .35

For moss, tinfoil and toothpicks, see page 78. For stemming wire, see page 80.

CROSSES ON STAND.

No. 75.

10 inch...each \$0.15	22 inch...each \$0.35
12 inch...each .18	24 inch...each .40
14 inch...each .20	26 inch...each .55
16 inch...each .23	30 inch...each .80
18 inch...each .25	36 inch...each 1.25
20 inch...each .30	

CROSSES, FLAT SLANTING.

12 inch...each \$0.08	22 inch...each \$0.16
14 inch...each .09	24 inch...each .20
16 inch...each .10	26 inch...each .24
18 inch...each .12	30 inch...each .35
20 inch...each .14	36 inch...each .50

CASKET CROSSES.

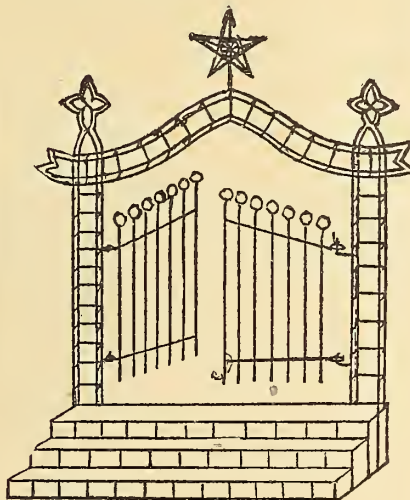
No. 71.

12 inch...each \$0.12	24 inch...each \$0.25
14 inch...each .15	26 inch...each .30
16 inch...each .16	30 inch...each .40
18 inch...each .18	34 inch...each .50
20 inch...each .20	36 inch...each .60
22 inch...each .22	

CROSS ON RECLINING STAND, WITH LETTERING FRAME.

No. 78.

12 inch...each \$0.30	24 inch...each \$0.75
14 inch...each .35	26 inch...each .85
16 inch...each .45	28 inch...each .90
18 inch...each .55	30 inch...each 1.25
20 inch...each .60	



GATES AJAR.

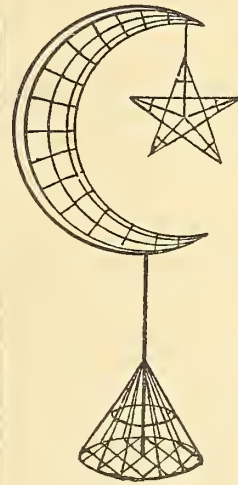
No. 113. Single Gates.

Whole Heights, Steps and Star, include measure.

15 inch high, 1 step.....each \$0.80
18 inch high, 1 step.....each .90
21 inch high, 2 steps.....each 1.00
24 inch high, 2 steps.....each 1.25
27 inch high, 2 steps.....each 1.50
30 inch high, 3 steps.....each 2.00
33 inch high, 3 steps.....each 2.25

CRESCENT.

No. 58.



8 inch...each \$0.10
10 inch...each .12
12 inch...each .15
14 inch...each .18
16 inch...each .20
18 inch...each .22
20 inch...each .25
22 inch...each .30
24 inch...each .35

CRESCENT AND STAR ON STAND. No. 61.

10 inch...each \$0.25
12 inch...each .30
14 inch...each .35
16 inch...each .40
18 inch...each .50
20 inch...each .55
22 inch...each .70
24 inch...each .80

EASELS.

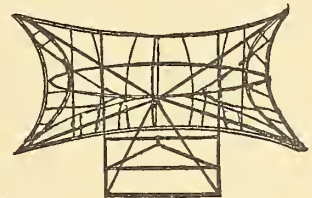
No. 92.

A very pretty Stand for Designs.

15 inch...each \$0.08	27 inch...each \$0.18
18 inch...each .10	30 inch...each .22
21 inch...each .12	36 inch...each .30
24 inch...each .15	42 inch...each .40

HORSE SHOES No. 129.

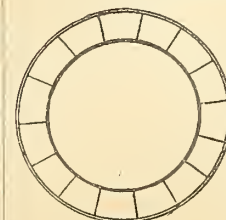
12 inch...each \$0.15	24 inch...each \$0.40
14 inch...each .18	26 inch...each .55
16 inch...each .20	28 inch...each .65
18 inch...each .25	30 inch...each .75
20 inch...each .30	33 inch...each .90
22 inch...each .35	36 inch...each 1.10



PILLOWS—FLAT No. 169.

10 inch...each \$0.10	20 inch...each \$0.20
12 inch...each .12	22 inch...each .22
14 inch...each .14	24 inch...each .30
16 inch...each .16	26 inch...each .35
18 inch...each .19	28 inch...each .40

WREATHS No. 220.



8 inch...each \$0.06
10 inch...each .08
12 inch...each .10
14 inch...each .12
16 inch...each .15
18 inch...each .20
20 inch...each .25
22 inch...each .28
24 inch...each .30

Carnation Supports

Model, 2 ring	Doz.	100	1000
Model, 3 ring	\$0.65	\$4.50	\$40.00
Model, 3 ring	.70	5.00	45.00

Extra Parts for Model Supports

Rings, \$1.00 per 100; per 1000, \$8.00.
 Tops, \$2.00 per 100; per 1000, \$17.50.
 2-Ring Bottoms, \$2.50 per 100; per 1000, \$23.50.
 3-Ring Bottoms, \$2.50 per 100; per 1000, \$23.50.

RICHMOND SUPPORT

No. 11, 29 in., 3 ring, single	Per Doz.	Per 100	Per 1000
No. 11, 29 in., 3 ring, double	\$0.75	\$5.00	\$45.00
	.85	5.75	52.50

Plant Stakes

No. 10 Steel Wire, Galvanized

Per 100 Per 1000		Per 100 Per 1000	
2 foot	\$1.00 \$8.00	4 foot	\$1.65 \$15.00
2½ "	1.10 9.25	4½ "	1.80 16.50
3 "	1.35 11.50	5 "	2.00 18.00
3½ "	1.50 13.00	6 "	2.35 21.00

No. 8 Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

Per 100 Per 1000		Per 100 Per 1000	
2 foot	\$1.15 \$10.77	4½ foot	\$2.75 \$25.00
2½ "	1.50 13.50	5 "	3.00 26.50
3 "	1.75 15.50	6 "	3.25 30.00
4 "	2.50 21.00		

Price for larger sizes quoted on application.

GREEN PAINTED TAPERING PLANT STAKES

Doz.		Doz.	
1½ foot	\$0.18 \$1.08	3½ foot	\$0.68 \$4.50
2 "	.32 1.90	4 "	.80 5.40
2½ "	.40 2.70	5 "	.90 6.30
3 "	.58 3.60		

GREEN PAINTED HEAVY OR DAHLIA STAKES

Doz.		Doz.	
3 foot	\$0.78 \$5.40	5 foot	\$1.35 \$9.00
3½ "	.90 6.30	6 "	1.60 10.80
4 "	1.05 7.20		

HYACINTH STAKES (Wood) Dyed Green

Per 100		Per 1000		Per 5000		Per 10,000	
5 inch	\$0.10	\$0.55	\$2.50	\$4.25			
12 inch	.15	1.10	4.50	8.50			
18 inch	.20	1.40	6.50	12.00			

HEADQUARTERS FOR CANE STAKES

100		500		1000		5000	
Southern, 8 to 9 ft., selected quality	\$1.00	\$3.75	\$7.00	\$32.50			
Japanese, very thin, about 6 ft. long	1.25	5.00	9.00	42.50			

JAPANESE GREEN CANE STAKES

100		500		1000	
1½ foot	\$0.50	\$1.75	\$3.25	3 foot	\$0.90 \$3.75 \$7.00
2 "	.65	2.50	4.50	4 "	1.00 4.25 8.00
2½ "	.75	3.25	6.00		

UNPAINTED STAKES OR DOWELS

Per 100		Per 1000	
24 in. long, ¾ in. diameter	\$0.75	\$6.50	
24 "	¾ "	.75	6.50
36 "	5/16 "	.90	7.00
36 "	3/16 "	.90	7.00
36 "	5/8 "	1.25	11.00
36 "	¼ "	.90	7.00
36 "	3/8 "	.90	7.00
42 "	3/16 "	1.00	7.00
42 "	5/16 "	1.10	7.50
42 "	¼ "	1.00	7.00
42 "	3/8 "	1.00	7.00
42 "	5/8 "	1.50	12.00

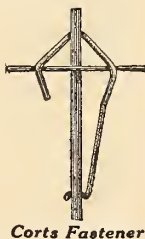
The above dyed green, 20c. per 100, or \$1.50 per 1000 additional.

SQUARE PAINTED PLANT STAKES

Doz.		100		Doz.		100	
1½ ft.	\$0.18 \$1.35	3½ ft.	\$0.78 \$5.85				
2 ft.	.25 2.05	4 ft.	.90 6.75				
2½ ft.	.42 3.15	5 ft.	1.20 9.00				
3 ft.	.66 4.95	6 ft.	1.44 10.80				

STAKE FASTENERS

Eureka. Light, \$1.00 for 500; 1000, \$1.80.
 Everlasting. Heavy, \$2.00 per 500; 1000, \$3.50.



Corts Fastener

Florists' Special Twine

(See Cut)

For tying up flower boxes, designs, etc. Very attractive. Color, Nile green; in 1-lb. spools, 75c. lb.; 5 lbs., \$3.50.

Raffiatape

This article is made of a composition of paper and linen, and is tremendously strong. It is about ¼ in. broad, and is put up in 250-yd. spools or reels. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green. Per bolt of 250 yards, 65c.; 6 bolts, \$3.50; \$6.75 for 12 bolts.



Twines, Etc.

Per Ball		Per lb.	
No. 12. Light Italian Twine	\$0.20	\$0.40	
No. 18. Medium Italian Twine	.20	.38	
No. 24. Heavy Italian Twine	.20	.35	
No. 36. Heavy Italian Twine	.20	.35	
2-Ply, 3-Ply, 5-Ply Jute	.13	.25	
Linen Bouquet, 3 lbs.	\$2.00	.70	
Boston Linen, 2 and 3-Ply	.35	.65	
Green Sea Island	.10	.75	
Jefferson 3-Ply, White Cotton	.12	.50	
Tarred, for Mat Making	.28		
Tarred Sisal for Fodder	.28		
Binder (5-lb. ball)	1.20		
Express, very heavy	.25		



Green Silkaline. For stringing Smilax and Asparagus. Fast color and will not fade; very strong and will not break. Price, F, fine; FF, medium; FFF, coarse. Per spool, 28c.; \$2.10 per lb. (8 spools).

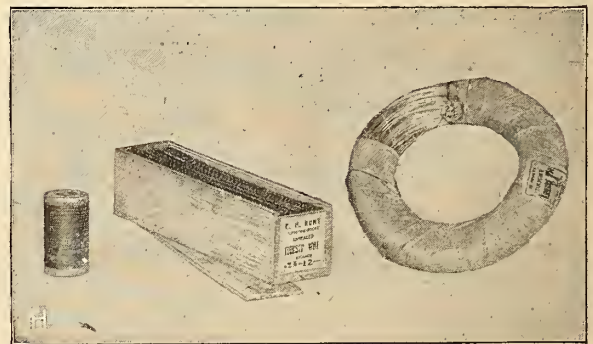
Silkline Substitute. A green linen thread, very similar to Silkline; fast color. Per lb., 90c.; \$4.25 for 5 lbs.

Headquarters for Raffia

We import this direct from Madagascar representatives who make a careful selection of long, broad strands for our trade.

Natural Color. 30c. lb.; 5 lbs., \$1.30; 10 lbs., \$2.50; 25 lbs., \$6.00; \$22.00 per 100 lbs.

Colored or Dyed. Submit sample of shade desired. 80c. lb.; 5 lbs., \$3.75; \$7.00 per 10 lbs.



Wire (Price subject to change)

ANNEALED		GALVANIZED	
Per 12 lb. stone		Per 12-lb. stone	
No. 20	\$1.25	No. 16	\$1.50
No. 22	1.35	No. 18	1.75
No. 24	1.45	No. 19	2.00
		No. 20	2.25
		No. 22	2.50
No. 19, Tinned, cut 8½ in. long, 10-lb. box			
1.75			

Cut Bouquet Wire

For Stemming Flowers, Etc.

No. 20. Cut 9, 12 or 18 in. long, 16c. per lb.; per box, 12 lb., \$1.75
 No. 22. Cut 9, 12 or 18 in. long, 18c. per lb.; per box, 12 lb., 1.85
 No. 24. Cut 9, 12 or 18 in. long, 20c. per lb.; per box, 12 lb., 2.00

THE KIRKE SYSTEM

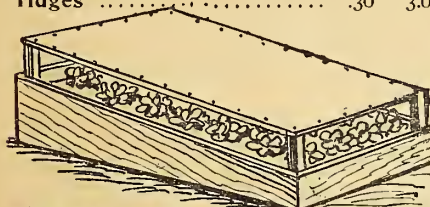
Of applying **INSECTICIDES, FUNGICIDES, FERTILIZERS** and **SALT** to plants



Showing how the Kirke Fertilizer and Insecticide Cartridge holder is attached to the spigot.

This system consists of a nickel-plated receptacle generally called the cartridge holder. This is equipped with a reservoir into which can be put a cartridge of insecticide and fungicide, or one of fertilizer as the occasion requires. The cartridge holder may be attached to the end of the hose followed by the nozzle or it may be attached directly to the spigot and followed by the hose. The cartridges are very hard in substance, highly concentrated and only a small amount is required to show results. As the water passes through the cartridge holder into which a fertilizer or insecticide cartridge has been placed the requisite amount of either material placed therein is carried through by the water pressure and applied to plants. Practical gardeners claim this to be one of the best means of applying insecticides and fertilizers. It requires about 5 hours to dissolve one of the cartridges, so it will be seen that the method is economical.

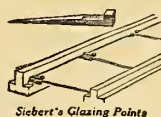
- Nickel Cartridge Holder ready to attach to any 3/4-inch hose, \$2.50. Each Doz. \$3.00
- Fertilizer Cartridges \$0.30 \$3.00
- Arsenate of Lead Cartridges. .50 5.00
- Bordeaux Mixture Cartridges .25 2.75
- Tobacco Cartridges. For greenhouse use30 3.00
- Salt Cartridges. For spraying carnations, etc.; for red spider, etc.12 1.25
- Sulphur Compound Cartridges30 3.00



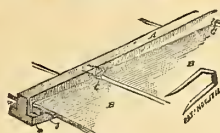
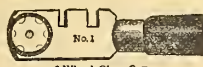
SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

	Yds. per Piece	Price Per Yd.	Price Per Pc.
Light. Brown cloth..	.60	\$0.08	\$4.20
Medium. " " ..	.60	.16	9.00
Heavy. " " ..	.40	.25	9.60



Siebert's Glazing Points



Michell's Glazing Points

GLAZING POINTS

Michell's. Carefully made, thoroughly galvanized, can be used on right or left side of sash bar. No. 2 for single-thick glass, No. 2 1/2 for double-thick glass, 55c. per 1000; 5000 for \$2.50; \$4.75 for 10,000.

Peerless Glazing Points, quite similar to the Michell Point. Nos. 1 and 2 for single-thick glass, No. 2 1/2 for double-thick glass. 60c. per 1000; 5000 for \$2.75. If Michell and Peerless Points are wanted by mail, add 10c. per 1000 for postage.

Pincers, for driving Michell and Peerless Points, 50c. per pair.

Siebert's Style Points (Zinc). Three sizes, 3/8, 3/4 and 7/8 inch, 50c. per lb.; 10 lbs., \$4.75.

Siebert's Style (Brass). 80c. lb.; 5 lbs., \$3.75.

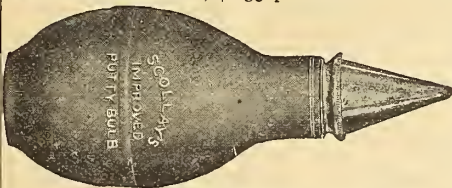
Zinc Nails, 3/8, 3/4 and 7/8 inch, 45c. per lb.; 5 lbs., \$2.15. If desired by mail, allow for postage.

GLASS CUTTERS

- Small Diamond, Ebony Handle.....\$2.50
- Large Diamond, Cocoa Handle..... 3.75
- Single Wheel, Steel (Doz., \$1.50)... .15
- 6-Wheel Adjustable30



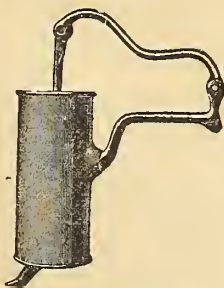
Made of zinc, will not rust. Will save lights of glass worth from 20 cents to 30 cents each. Price, \$1.35 per 100.



Putty Distributer

PUTTY DISTRIBUTER

The best appliance for distributing putty. Each, \$1.00; Parcel Post Weight, 1 lb.



Mastica Machine

MASTICA

- 1/2 gal.\$0.95
- 1 " 1.80
- Mastica Machine each, 1.80

TWEMLOW'S PUTTY

- 16-lb. can (1 gallon).....\$2.25
- 50-lb. kit (3 gallons)..... 6.60
- 80-lb. kit (5 gallons).....10.50

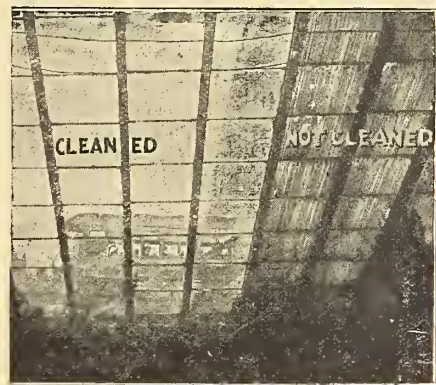
FEDERAL ELASTIC CEMENT

For waterproofing greenhouse gutters, roofs, etc., this gives splendid satisfaction; also for making sash bars watertight. Apply with a mastic machine.

- 1 gal., \$1.50 | 5 gals., \$6.25 | 10 gals., \$11.00

HAMMOND'S GREENHOUSE WHITE PAINT

- 1 gal.....\$2.25 | 5 gals.....\$10.00
- 3 gals..... 6.00 | 10 gals..... 19.50



The effects of using Daylite Glass Cleaner

DAYLITE GLASS CLEANER

For taking off whitewash shading, etc. Is the most powerful cleaner on the market. Apply it with a brush, leave it on a few minutes and rinse off with cold water.

One gallon will clean about 400 to 600 square feet of glass. Price, 1 gal., \$1.50; 5 gals. for \$7.00.

FLORISTS' SUNDRIES

Bull Dog Clips for fastening packages, boxes, etc. 75c. per box.

	Peck	Bu.	Bbl.
Charcoal (Lump)	\$0.20	\$0.60	\$1.25
Cocoanut Fibre .....	.35	.85	2.25
Leaf Mould .....	.20	.65	1.50
Pebbles .....	.45	1.25	3.00
Peat (5 barrels, \$6.25) ..	.20	.65	1.50
" Orchid .....	.25	.80	2.00
Sand. For propagating ..	.20	.65	2.00
Soil. Prepared potting ..	.20	.65	2.00
Celery Tape (Red only) 1000 yds.,			\$4.00
Carnation Dye. (Green.) 75c. per bottle.			
Grafting Wax. 1/4 lb., 10c.; 15c. 1/2 lb.; lb., 25c.; \$1.10 5 lbs.			
Shaderine. 5 lbs. for \$1.10; 10 lbs., \$1.85.			
Styptic. Pruning compound. \$1.00 bottle.			
Weed Killer. (Herbicide). Qt., 55c.; gal., \$1.65; \$6.50 per 5 gals. (Michell's.) 45c. qt.; 1/2 gal., 70c.; \$1.35 gal.; 5 gals., \$5.50; \$10.00 10 gals.; 25 gals., \$20.00; 50 gals., \$38.00.			
Zementine. For whitewashing and shading glass. 2 lbs., 20c.; 90c. for 10 lbs.			

MICHELL'S INSECT DESTROYERS

Prices Subject to
Market Changes

Ant Exterminator (Conellan's). In liquid form designed especially for use on lawns, tennis courts and putting greens. Apply with special squirt gun. 1 gal., \$1.15; \$5.50 for 5 gals. *Special Squirt Gun* for applying, \$1.25 each.

Ant Exterminator (Magic). A powder that is used for distributing around buildings, on the greenhouse benches, on lawns, gardens, and any other places infested by ants. Per $\frac{1}{4}$ lb., 18c.; per $\frac{1}{2}$ lb., 35c.; per lb., 60c.; \$2.75 per 5 lbs.

Antipest (Carman's). For destroying red spider, scale and green fly. Gal., \$1.50.

Aphine. For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. $\frac{1}{4}$ pt., 25c.; 40c. per $\frac{1}{2}$ pt.; per pt., 65c.; \$1.00 per qt.; gal., \$2.50.

Aphis Punk. A paper that has been thoroughly saturated with nicotine. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphids, thrip, white and green fly, also red spider. (For use in greenhouses only.) Per pkg., 60c.; \$6.50 per 12 pkgs.

Arsenate of Lead (Powdered). 1 lb. dilutes to 50 gallons. 1 lb., 50c.; \$2.65 for 5 lbs.; 10 lbs., \$5.00; 25 lbs., \$11.50; \$22.00 for 50 lbs.; 100 lbs., \$41.00.

Arsenate of Lead (Paste). For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth. Dilutes 1 lb. to 25 gals. water. Per lb., 35c.; \$1.50 per 5 lbs.; 10 lbs., \$3.00; \$6.00 per 25 lbs.; per 50 lbs., \$11.00; per 100 lbs., \$21.00.

Black Leaf 40. A concentrated solution of nicotine sulphate, an excellent spray for black aphids and sucking insects of all kinds; dilutes 1 part from 100 to 1000 parts of water, according to treatment; full directions on each package. 25c. for 1 oz. bottle; $\frac{1}{2}$ lb., 75c.; \$2.50 for 2 lbs.; 10 lbs., \$10.75.

Boro-Wax. For painting trees to destroy and keep away borers. 35c. qt.; $\frac{1}{2}$ gal., 60c.; 1 gal., \$1.00.

Bordeaux Mixture. Used principally for mildew, blight and fungous diseases that affect potatoes and fruit trees, etc.

Liquid. One part dilutes to 50 parts of water. Per qt., 45c.; \$1.15 per gal.; 5 gals., \$4.75.

Quick Bordeaux (in dry form). 1 lb., 25c.; 5 lb. sack makes 25 gals. liquid, price, \$1.15; 10-lb. sack makes 50 gals. liquid, price, \$1.75.

Bordeaux Arsenate. Enables one to apply a fungicide and an insecticide at one operation; 1 lb. dilutes to 5 gals. of water. 30c. lb.; 5 lbs., \$1.35; \$2.50 per 10 lbs.; 25 lbs., \$5.25; \$10.00 for 50 lbs.; 100 lbs., \$18.50.

Bug Death. Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb., 20c.; 50c. per 3 lbs.; per 5 lbs., 75c.; per 12 $\frac{1}{2}$ lbs., \$1.50; \$8.25 per 100 lbs. (Special Shaker for Bug Death, 30c.)

Carbolineum (Arvenarius). A germicide and disinfectant for purifying poultry houses, stables, cow barns, etc., also an excellent wood preserver when used as a paint. \$1.50 per gal. can.

Copper Solution. Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., 85c.; \$2.50 per gallon.

Cut Worm Destroyer (Reade's). For killing cut worms, grubs, maggots and other insects that work in the soil; positively a sure remedy; full directions with each package. 1 lb., 25c.; 75c. for 5 lbs.; \$1.15 for 10 lbs.; 25 lbs., \$2.25; \$6.75 for 100 lbs.

Cyanegg (For Hydrocyanic Acid Gas fumigating). Lb., 65c.

Dalmatian or Persian Powder. For ridding buildings of all kinds of various insect pests, particularly for the smaller and creeping kinds, as it is not strong enough to destroy large or more hardy insects. 25c. per $\frac{1}{4}$ lb.; per lb., 75c.; \$3.50 per 5 lbs.

I. X. L. Compound. An English preparation for spraying; harmless to very delicate plants; kills mealy bug, red spider and all insect pests. In gallon cans only. \$3.25 per gal.

Fir Tree Oil Soap. This is very much like the Fir Tree Oil except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and use as a spray or wash. Per $\frac{1}{2}$ lb., 30c.; 85c. per 2-lb. can.

Fungine. An excellent article for fungous diseases of all kinds. Qt., \$1.00; \$3.50 per gal.

Grape Dust. A powder preparation used for mildew, aphids, black fly, and other insects and fungous diseases, principally in greenhouses. Per 5 lbs., 70c.; \$1.30 per 10 lbs.; bbls. of 200 lbs. (bulk), at 12c. lb.

Hellebore. The ideal material for destroying rose bugs, currant worms and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. Per $\frac{1}{4}$ lb., 20c.; 35c. per $\frac{1}{2}$ lb.; per lb., 60c.; per 5 lbs., \$2.75.

Getz-There Soap. For washing palms. 2 lbs., 30c.; 80c. for 8 lbs.; \$2.00 per 25 lbs.

Hydrocyanic Acid Gas. (See bottom of page 83.)

Imp. Soap Spray. For washing palms, etc. 1 gal., \$1.65; \$6.50 for 5 gals.; 10 gals., \$12.00.

Kerosene Emulsion. Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infect rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Pt., 27c.; 45c. per qt.; gal., \$1.15.

PLEASE NOTE—It is unlawful to send poisonous insecticides through the mails by Parcel Post.

Kil-o-Scale. Destroys and prevents the spread of scale insects of all kinds. Its chief use is the destruction of the San Jose Scale, which prevails in all parts of this country. It is diluted 1 part Kil-o-Scale to 20 parts water. Per pt., 32c.; 55c. per qt.; per $\frac{1}{2}$ gal., 80c.; per gal., \$1.25; \$5.25 per 5 gals.

Lemon Oil Insecticide



The Best and Cheapest Insecticide in the Market. Used now by nearly all the leading growers. It effectually controls Mealy Bug, Scale, Thrip and Red Spider.

Half Pint, 25c. Pint, 40c.
Quart, 75c. Half Gal., \$1.35
Gal., \$2.25 5 Gal. Kegs, \$9.00
10 Gallon Kegs, \$17.50

Lime Sulphur. For destroying San Jose Scale. This is in concentrated form which is diluted 1 gal. to 12 or 15 gals. water, either hot or cold. 45c. qt.; 1 gal., 90c.; \$2.75 per 5 gals.; 10 gals., \$4.00; \$7.00 per 25 gals.; 50 gals., \$11.00.

Lime Sulphur (Dry Powdered Form). This form of Sulphur is becoming very popular on account of the ease with which it can be handled. It is quite an economy in shipping, as you do not have to pay freight on water. It dilutes at the rate of 1 lb. to 6 gals. of water, and is soluble instantly in cold water. 1 lb., 22c.; 85c. for 5 lbs.; 10 lbs., \$1.60; \$3.25 for 25 lbs.; 50 lbs., \$5.75; \$9.00 per 100 lbs.

Nicoticide. Effective in destroying thrip, aphids, white fly and red spider, etc. 1 oz. bottle, 25c.; 50c. for 2 oz. bottle; $\frac{1}{4}$ pt., 60c.; per $\frac{1}{2}$ pt., \$1.00; per pt., \$2.00; per qt., \$4.00; \$7.25 per $\frac{1}{2}$ gal.; 1 gal., \$13.50. (Special price in larger quantities.) LAMPS for Nicoticide, 50c. each.

Nikoteen. A most satisfactory spray as well as vapor, excellent for green fly in greenhouses. $\frac{1}{2}$ oz., 15c.; 40c. for 1 $\frac{1}{4}$ ozs.; $\frac{1}{2}$ pt., 85c.; \$1.50 per pt.; 5 pts., \$7.00; \$13.00 per case of 10 pt. bottles; per $\frac{1}{2}$ gal. (4 lbs.), \$5.00; per gallon (8 lbs.), \$10.00.

Carbondale Hydrometers

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime Sulphur solution. Price, 90c. (Postpaid, \$1.05.) With directions.

MICHELL'S INSECT AND VERMIN DESTROYERS (Continued)

PLEASE NOTE—It is unlawful to send poisonous insecticides through the mails by Parcel Post.

Nicotene Vapor Cones. (See Vapor Cones.)

Fish Oil Soap. For mild forms of Scale, also an excellent summer spray. Dissolved in water according to various purposes. Per ½ lb., 10c.; 20c. per lb.; per 5 lbs., 75c.; \$1.35 per 10 lbs.; per 25 lbs., \$2.75; \$5.00 per 50 lbs.; \$9.00 per 100 lbs.

Fish Oil Soap (Good's Caustic). Used extensively as a tree spray and as a summer remedy for San Jose Scale, it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. 22c. per 1-lb. can; 5-lb. can, \$1.00; \$4.25 per 25-lb. can.

Nico-Fume (Liquid). This is used in very much the same way as Nicotene. Per ¼ lb., 50c.; \$1.50 per lb.; 4 lbs., \$5.50; \$10.50 per 8 lbs.; five 8-lb. cans for \$50.00; \$97.50 for ten 8-lb. cans; twenty 8-lb. cans, \$189.00. Special price for larger quantities.

Nico-Fume. This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Per box, 24 sheets, 85c.; \$4.00 per 144 sheets; per 288 sheets, \$7.50; \$35.75 for 5 cans, 288 sheets each; 12 cans, \$84.00; \$162.00 for 24 cans. Special price for larger quantities.

Paris Green. The chief merit of this article is the destruction of the potato bug. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of one pound Paris Green to 100 lbs. Land Plaster. 18c. per ¼ lb.; per ½ lb., 33c.; 60c. per lb.; \$2.80 per 5 lbs.; per 14 lbs., \$7.50.

Pyrox (Bowker's). Used for all leaf-biting insects. Dilute 1 lb. to 5 gals. water. 40c. per lb.; 5 lbs., \$1.50; \$2.75 per 10 lbs.; 25 lbs., \$6.00; \$10.75 per 50 lbs.; \$20.00 per 100 lbs.; 300 lbs., \$57.00.

Rat Corn. For destroying rats and mice in greenhouses, hotbeds, etc. 25c., 50c. and \$1.00 per box.

Readeana Rose Bug Exterminator. Used for destroying green fly, mealy bug, blight, mildew, etc. Trial bottle, 30c.; 8 oz., 50c.; \$1.00 per 24 oz.; \$3.75 per gal.

Scalecide (Soluble Crude Oil). Used for the destruction of the San Jose Scale. Dilute at the rate of 1 gallon Scalecide to 20 gallons of water. Scalecide does not clog nozzles or pump. 55c. per qt.; per gal., \$1.35; \$5.00 per 5 gals.; 10 gals., \$9.00; \$21.00 per 30-gal. jacketed tin; \$32.00 per 50-gal. bbl.

Scale Destroyer (Soluble Oil). A combination of mineral and vegetable oils, and has many excellent scale destroying properties. Dilute at various strengths according to season. Per qt., 50c.; 85c. per ½ gal.; per gal., \$1.25; \$4.25 per 5 gals.; 10 gals., \$8.00; 30 gals. at 65c. gal.; 50-gal. bbl. at 60c. gal.

Shoo Fly. For keeping flies off cattle and horses, used with a sprayer or a sponge, the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put in the field or out to their day's work. Per qt., 45c.; \$1.25 per gal.

Slug Shot. The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 18c. per canister; per 5 lbs., 45c.; 80c. per 10 lbs. Full bbl. lots (about 250 lbs.), 7½c. per lb., f. o. b. Factory; 8c. per lb., f. o. b. Phila.

Styptic (Thomson's). For use in pruning. \$1.00 per bottle.

Sulphate of Copper. For destroying fungous diseases of all kinds, also used in making Bordeaux mixture. When used as a Bordeaux mixture it requires 4 pounds Sulphate of Copper to 6 pounds Lime, which is diluted in 50 gallons of water. Per lb., 25c.; \$2.00 per 10 lbs.

Sulphur (Flowers). Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb., 10c.; 45c. per 5 lbs.; 25 lbs., \$1.75; \$6.50 per 100 lbs.; barrel lots of about 175 lbs. at 6¼c. lb.

Sulphur Candles. For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 20c. each; per doz., \$2.00; small, 10c. each; per doz., \$1.10.

Sulpho Tobacco Soap. An excellent article for the greenhouse or conservatory. Especially good for destroying scale on palms and other plants. Soluble in warm water. Per 3-oz. package, 8c.; 15c. per 8-oz. package; in 10-lb. cakes, \$2.25 per cake.

Sulphocide. An excellent summer spray for fungous diseases, combining Bordeaux Mixture and Lime Sulphur. 50c. pt.; qt., 75c.; \$2.00 per gal.

Thrip Juice (Hammond's No. 2). Effective for exterminating aphid, red spider, mealybug, etc. Pt., 65c.; \$1.10 per qt.; \$3.50 per gal.

Tobacco Dust (Regular Dusting). Excellent for dusting on Lettuce and other plants to destroy soft, creeping insects. Per lb., 7c.; 25c. per 5 lbs.; per 10 lbs., 45c.; \$1.00 per 25 lbs.; 50 lbs., \$1.50; 100 lbs., \$2.50; \$11.25 per 500 lbs.

Tobacco Dust (Special Dusting or Special Fumigating). A specially prepared, finely ground article, either kind. 5 lbs., 30c.; 50c. for 10 lbs.; 25 lbs., \$1.10; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$13.50 for 500 lbs.

Tobacco Soap (Sulpho). This is excellent for washing off palms and plants such as Oleanders, Camellias, etc. Soluble in water, making an excellent preparation for washing animals. 3 oz., 8c.; 15c. for 8 oz.; 10 lbs., \$2.25; \$5.00 for 25 lbs.

Tobacco Stems (Fresh). Used principally for fumigating and under benches in greenhouses. They may also be steeped in hot water and used as a spray. Per lb., 10c.; 50c. per bu.; per bbl. bag, \$1.00; in bales of about 250 lbs., at 1½c. lb.; \$12.00 per ½ ton; ton, \$22.00.

To-bak-ine Fumigating Paper. Very much like Aphis Punk, which it resembles. It is used in exactly the same way as Aphis Punk. Per package of 24 sheets, \$1.00; \$4.50 per 144 sheets; \$8.00 per box of 288 sheets. (Supplied to order only.)

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. Per lb., 50c.; 3-lb. cans, \$1.40; 10-lb. cans, \$4.00; 20-lb. cans, \$7.50; \$9.00 for 25 lbs.

Vaporite. Vaporite is a gray non-poisonous powder which, when it comes into contact with soil, gives off a vapor. This vapor kills all underground insects such as Wireworms, etc. Vaporite is for soil application—not for the leaves of the plant. Vaporite should be uniformly distributed on the surface or in the soil among the insects, so that the gas evolved may destroy them. 1 to 1½ lbs. is enough for a cubic yard of soil (about 1 cart load). 50c. per 5 lbs.; 25 lbs., \$2.00; \$3.75 per 50 lbs.; per 100 lbs., \$7.00.

Vapor Cones (Lethorion Nicotine). An English invention, providing nicotine in a solid form; these cones are used for fumigating. No. 1 will fumigate 750 cubic feet. 10c. each; doz., \$1.00. No. 2 will fumigate 1500 cubic feet. 15c. each; doz., \$1.50. No. 3 will fumigate 2500 cubic feet. 20c. each; doz., \$2.00.

Vermine. For sterilizing soil to destroy worms, maggots, etc. Stock is unobtainable at this time.

Worm Destroyer. Used extensively, being applied to grass plots, putting greens, etc. *Michell's Brand.* Unobtainable at this time due to European complications. *Carter's Brand.* In 100-lb. bags only. Price on this article, owing to the uncertainty of supply, will be quoted on application.

Worm Eradicator (Reade's Electric). Used indoors as well as outdoors, for destroying worms in pots, tubs, benches; in tennis courts and putting greens. Apply with a sprinkling can or otherwise. Small size, 25c.; 8 oz., 50c.; \$1.00 for 24 ozs.; gal., \$3.75.

Zenoleum. A germicide and disinfectant. Liquid, ½ pt., 30c.; 60c. qt.; ½ gal., \$1.00; gal., \$1.75.

HYDROCYANIC—ACID GAS—FUMIGATION WITH CYANEGG as given to us by a practical gardener. Very poisonous to human beings and animals. Put four ounces of water in a galvanized iron pail, add to this two ounces of Sulphuric Acid, wrap an ounce of Cyanegg in paper and place it in the bucket which should be placed near the door of the greenhouse to afford quick exit; the moment the Cyanide strikes the liquid it generates a poisonous gas which must not be inhaled. The above charge is sufficient for 1,000 cubic feet of space. Don't open the greenhouse for at least 12 hours. One of the ventilating sash should be arranged so it can be opened from the outside to allow the fumes to escape entirely before entering. This is claimed to be the only and best remedy to absolutely kill the white fly. It is claimed that it will not injure the most delicate plant if used according to directions, but the user should take good care of himself. **Cyanegg**, 65c. lb.; 5 lbs. for \$2.75. We do not supply Sulphuric Acid, as this can best be procured locally.

MICHELL'S FERTILIZERS

Our List embraces the very best and most modern kinds. We are headquarters in Philadelphia, and can quote special prices on carload quantities.

Prices Subject to Market Changes

Animal Bone and Potash. An ideal fertilizer for most all farm and garden crops. Apply 400 to 600 lbs. per acre. Price on application.



Ashes. Canadian Hard Wood. Apply 1000 lbs. per acre. For top dressing lawns and grass fields, it is applied to best advantage either in very early spring or late fall. 35c. per 10 lbs.; 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.00 per 200-lb. barrel; per ton, \$26.00.

Ashes. Domestic Hard Wood.

These are burned and prepared by a nearby concern, and on account of savings in transportation, we are able to furnish this article at a much reduced rate. Excellent for top dressing lawns or grass fields, or for mixing with potting soil. Not less than 200 lbs. sold. 200 lbs. for \$2.25; \$10.00 per ½ ton; ton, \$18.50.

Acid or Rock Phosphate. Apply 100 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 200-lb. sacks only, \$2.75; \$12.00 per 1000 lbs.; \$23.00 per ton.

Asparagus Fertilizer (Pure Bone and Potash). A mixture that promotes the root and top growth. Apply 600 lbs. per acre. Price on application.

Basic Slag. (See Phosphate.)

Bon Arbor. A concentrated chemical fertilizer similar to Bonora, but less expensive; used in liquid form according to directions. POWDER, dilutes 1 lb. to 30 gals. water; 1 lb., 50c.; 5 lbs., \$1.80.

Blood (Dried). Apply 300 lbs. per acre. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 60c.; \$1.00 per 10 lbs.; 25 lbs., \$2.00; \$3.50 per 50 lbs.; 100 lbs., \$6.50; \$12.00 per 200 lbs.

Blood Flour. Apply 200 lbs. per acre. Much like dried blood, except that it is finer and acts almost instantly. 5 lbs., 65c.; \$1.20 per 10 lbs.; 25 lbs., \$2.50; \$4.50 for 50 lbs.; 100 lbs., \$8.50; \$16.00 per 200 lbs.

Bone, Pure Fine Ground. For top dressing, potting soil, etc., not quite so high in analysis as the "Special Florists' Brand." \$2.75 per 100 lbs.; 200 lbs., \$5.00; \$47.50 per ton.

Bone Meal (Michell's Special Florists' Brand).

Apply 600 to 800 lbs. per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose beds and greenhouse use. 3 lbs., 20c.; 30c. for 5 lbs.; 10 lbs., 55c.; \$1.00 per 25 lbs.; 50 lbs., \$1.50; \$3.25 per 100 lbs.; 200 lbs., \$6.00; \$27.00 per ½ ton; per ton, \$52.50.

Bone (Coarse Cracked). For use in making up compost or soil heaps. Price on application.

Bone (Coarse Ground). Apply 600 to 800 lbs. per acre. Price on application.

Bone Flour (Special Superfine Grade). Finely pulverized and bolted. Effective immediately. For rose growing this cannot be excelled. Rich in phosphoric acid and ammonia. Get a sample of this. 5 lbs., 30c.; 50c. for 10 lbs.; 25 lbs., \$1.00; \$1.75 for 50 lbs.; 100 lbs., \$3.25; \$6.25 for 200 lbs.; 1000 lbs., \$30.00; \$57.50 per ton.



Chrysanthemum Manure (Thomson's Special). Especially recommended and used by the leading gardeners of England and America. Can be used in liquid and in dry form. Per 28-lb. sack, \$4.25; per 56-lb. sack, \$7.50.

Climax Lawn Sand. (See Lawn Sand.)

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. Price on application.

Cotton Seed Meal. Apply 600 lbs. per acre. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. Price on application.

Corn Phosphate. (See Phosphate.)

Cow or Cattle Manure (Pulverized). Thoroughly sterilized and weedless. Price, f. o. b. Chicago, 100 lbs., \$2.00; \$8.50 for 500 lbs.; 1000 lbs., \$16.00; \$30.00 per ton. Price, f. o. b. Philadelphia \$2.50 per 100 lbs.; 500 lbs., \$11.00; \$19.50 per ½ ton; ton, \$37.50.

Cow or Cattle Manure (Shredded).

One sack of this is equal to one cart-load of fresh cow manure. F. o. b. Philadelphia, 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$11.00 per 500 lbs.; 1000 lbs., \$19.50; \$37.50 per ton. F. o. b. Chicago, 100 lbs., \$2.00; \$8.50 per 500 lbs.; 1000 lbs., \$16.00; \$30.00 per ton.



Dissolved Bone. Apply 600 to 800 lbs. per acre. Used principally for indoor culture, although it is highly recommended for a grass top dressing. 200-lb. sacks only. Price on application.

Fish Guano or Dried Fish. Apply 300 to 400 lbs. per acre. In 200-lb. sacks only. Price on application.

Guano (Peruvian Substitute). Of very high analysis in all necessary plant food elements and extensively used in place of Peruvian guano, which has become extremely scarce. In 200-lb. bags only, \$7.00 per sack; per ½ ton, \$33.50; ton, \$62.50.

Horse Manure. (See Manure.)

Humus (Alphano). This material is a natural deposit of decomposed vegetable matter from the bottom of a drained lake. Flowers, vegetables, grass and other crops thrive luxuriantly where Alphano is used.

Price of Natural Humus

(Smallest quantity sold in 100-lb. bags.)

	F.o.b. Factory	F.o.b. Phila.
100-lb. bag		\$1.10
500 lbs.	3.50	5.00
1000 lbs.	5.00	8.50
1 ton	8.00	12.00

Carload lots in bags (minimum car, 20 tons), ton, \$7.00.

Carload lots in bulk (minimum car, 30 tons), ton, \$5.00.

Price of Alphano Humus Prepared

	F.o.b. Factory	F.o.b. Phila.
5-lb. bag		\$0.25
25-lb. bag		.65
50-lb. bag		1.00
100 lbs.		1.35
500 lbs.	\$5.00	6.25
1000 lbs.	7.50	11.00
1 ton	16.00	19.50

Carload lots in bags (minimum car, 20 tons), ton, \$12.00. } f. o. b.
 Carload lots in bulk (minimum car, 30 tons), ton, \$10.00 } factory

MICHELL'S HIGH GRADE FERTILIZERS

ALL PRICES SUBJECT TO MARKET CHANGES

Horn Shavings. Used principally for mixing in potting soil, is rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs., 35c.; \$1.50 per 25 lbs.; 50 lbs., \$2.50; \$4.75 per 100 lbs.

Kainit (Potash Salts). Apply about 800 to 1000 lbs. per acre. Excellent for potatoes, corn and other grains. On account of European complications we are unable to print prices on Kainit; will fill orders at lowest prevailing rates.

Land Plaster. Apply about 1000 to 1500 lbs. per acre. For top dressing, sour and wornout soils, also for mixing with Paris Green. 50c. per 25 lbs.; 50 lbs., 85c.; \$1.50 per 100 lbs.; 200 lbs., \$2.50; \$20.00 per ton.



Lawn Dressing (Michell's Odorless). Apply 500 to 600 lbs. per acre. A quick stimulant for lawns and grass lands. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 90c.; \$1.60 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.; per ton, \$45.00.

Lawn Sand (Climax). A weed destroyer as well as a fertilizer, containing a large percentage of nitrogen. Will be found very valuable for lawn use. For best results follow the directions on the package. 3½-lb. tin, 45c.; 90c. for 7 lbs.; \$1.35 per 14-lb. tin; 28 lbs., \$2.50; 56 lbs., \$4.00; \$7.75 per 112-lb. keg.

Limestone (Pulverized). For applying on sour and worn out soils at the rate of 1 ton per acre. Put up in 100-lb. bags; no less quantity sold. \$1.00 per bag; 500 lbs., \$4.50; 1000 lbs., \$7.00; \$11.00 per ton.

Lime (Hydrated or Powdered). For mixing with earth or other purposes where a soil sweetener is needed. 125-lb. sack, \$1.15; 500 lbs. for \$5.00; \$8.00 per 1000 lbs.; \$15.00 per ton.

Manure. At short notice we can usually supply first-class horse, cow and stock-yard Manure in carload lots only. Prices quoted on request.

Mulford's Culture (Bacteria for Legumes). For inoculating clover, legumes, etc. Trial size for peas and beans, 25c.; ¼-acre size, 50c.; \$1.50 per acre bottle; 5-acre bottle, \$5.00 ("a dollar per acre").

MAPES FERTILIZERS. No less than a 20-lb. sack of Mapes Fertilizer can be supplied.

Corn Manure. Prices will be quoted on request.

Potato Manure. Prices will be quoted on request.

General Crop (for all crops). Prices will be quoted on request.

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50% actual potash. On account of European complications when this catalogue was printed we were unable to quote prices on potash; will fill orders at lowest prevailing rates.

Plant Food (Bowker's). Small pkgs., 12c. each; doz., \$1.25; \$9.00 per 100; large pkgs., 20c.; \$2.25 per doz.; per 100, \$16.00.

Plant Food (Michell's). 12c. per 6-oz. pkg.; \$1.25 per doz.; per 100, \$9.00.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 60c.; \$1.10 per 10 lbs.; 25 lbs., \$2.00; \$3.50 per 50 lbs.; 100 lbs., \$6.75; \$13.00 per 200 lbs.; ½ ton, \$62.50; \$120.00 per ton.

Phosphate (High Grade Ammoniated). For all vegetable crops, grain, grass, etc. Apply 500 to 600 lbs. per acre broadcast. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 75c.; 100 lbs., \$2.50; \$4.50 per 200 lbs.; \$22.00 per ½ ton; per ton, \$42.50.



Phosphate for Corn (H. G. Potash Mixture). Apply 500 to 600 lbs. per acre. This contains the necessary ingredients to produce a bumper crop of either field or sugar corn. 200 lbs., \$4.25; \$20.00 per ½ ton; ton, \$37.50.

Phosphate (Basic Slag). Used extensively for top dressing lawns, grass and grain lands. Contains the proper elements to produce a rich, luxuriant growth. Apply 600 to 800 lbs. per acre. 200-lb. bags only \$3.00; \$13.50 per ½ ton; ton, \$26.00.

Potato Manure. Apply 400 lbs. per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.75; \$5.25 per 200 lbs.; ½ ton, \$23.50; ton, \$45.00.

Poudrette (Native Guano). Apply 1000 lbs. per acre. Extensively used for gardens, lawns, in making compost, and in fact wherever a good, quick-acting fertilizer is wanted. It is odorless and easily handled. 5 lbs., 20c.; 45c. per 10 lbs.; 25 lbs., 60c.; 50 lbs., \$1.00; 100 lbs., \$1.75; \$3.00 per 200 lbs.; \$15.00 per 1000 lbs.; per ton, \$27.50.

Salt. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. per acre in early spring. 35c. per 25 lbs.; \$1.00 per 100 lbs.; 200 lbs., \$1.75; \$12.00 per ton.

Sheep Manure (Wizard Brand). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. Prices, f. o. b. Philadelphia, 2 lbs., 15c.; 30c. per 5 lbs.; 10 lbs., 50c.; 85c. per 25 lbs.; 50 lbs., \$1.50; per 100 lbs., \$2.50; 500 lbs., \$11.00; \$19.50 per 1000 lbs.; per ton, \$37.50.



Sheep Manure (Wizard Brand). F. o. b. Chicago. For our western and southwestern customers shipment can be made from Chicago at considerable saving in freight charges. 100 lbs., \$2.00; \$8.50 per 500 lbs.; 1000 lbs., \$16.00; \$30.00 per ton.

Soot (Imported Scotch). This is used principally for bringing a good, healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs., 40c.; 60c. for 10 lbs.; \$1.25 per 25 lbs.; 112 lbs., \$4.00; \$18.00 for 560 lbs.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis; equal to 25% of ammonia. Price on application.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis, equal to 50% of actual potash. Prices are not established on account of European complications; will fill orders at lowest rates.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.75; \$5.00 per 200 lbs.; ton, \$45.00.

Thomson's Special Flower, Vegetable and Vine Manure. Imported from England, this excellent chemical fertilizer is extensively used wherever it is desired to force flowers or vegetables. 28 lbs., \$2.25; \$4.25 per 56 lbs.; 112 lbs., \$7.50.

Wheat Fertilizer. For grass and grain crops. Apply 500 to 600 lbs. per acre. 200 lbs., \$4.00; \$17.00 per ½ ton; per ton, \$32.50.

Tobacco Stems. For fumigating, mulching and fertilizing. Lb., 10c.; per bushel, 50c.; \$1.00 per barrel sack; bales of about 250 lbs., at 1½c. per lb.; ½ ton, \$12.00; ton, \$22.00.

Wood Ashes. See ashes at top of opposite page.



Wizard Brand Manures (Free from Weeds)



WIZARD BRAND CATTLE OR COW MANURE

This is carefully selected manure taken from brick-paved cattle pens at Western Stock Yards, where the highest quality of Cattle Manure is available in large quantities. It is kept entirely separate from other manures and is reduced by the Wizard Brand process of direct heat drying and screening.

Shredded Cow or Cattle Manure

	100 lbs.	500 lbs.	1000 lbs.	2000 lbs.
F. o. b. Philadelphia.....	\$2.50	\$11.00	\$19.50	\$37.50
F. o. b. Chicago.....	2.00	8.50	16.00	30.00

Wizard Pulverized Cow or Cattle Manure

	100 lbs.	500 lbs.	1000 lbs.	2000 lbs.
F. o. b. Philadelphia.....	\$2.50	\$11.00	\$19.50	\$37.50
F. o. b. Chicago.....	2.00	8.50	16.00	30.00

Special prices in carload lots.



WIZARD BRAND PULVERIZED SHEEP MANURE

This is probably the most extensively used of animal manures by the florist and market gardener.

Pulverized Sheep Manure acts quickly and is invaluable for carnations, mums and other crops that require a quick stimulant at certain stages of development or because of unfavorable weather conditions.

	100 lbs.	500 lbs.	1000 lbs.	2000 lbs.
F. o. b. Philadelphia.....	\$2.50	\$11.00	\$19.50	\$37.50
F. o. b. Chicago.....	2.00	8.50	16.00	30.00

Michell's Keystone Plant Tubs

Plants, large or small, appear always to better advantage when planted in tubs instead of pots. They are easier handled because they are much lighter in weight; they are more attractive and bring a higher price. Tubs have welded hoops, except bottom hoop, which is flat (and neat handles, when desired, at extra prices, as mentioned below). Unlike pots, they do not break, nor do they require special packing when used in shipping. Made of white cedar, they are by far the *cheapest, neatest, lightest* and *best* florist tub put on the market.

Size No.	Inside Top Diam.	Inside Depth	Each	Doz.	Per 100
1	6	6	\$.50	\$5.00	\$40.00
2	7	7	.55	5.75	42.50
3	8	8	.60	6.25	47.50
4	9	9	.65	6.75	50.00
5	10	9	.70	7.25	55.00
6	11	10	.90	9.50	70.00
7	12	11	1.00	11.00	82.50
8	13	12	1.25	13.50	105.00
9	14	13	1.40	15.00	117.50
10	15	14	1.65	17.50	
11	16	15	2.00	20.00	
12	17	16	2.25	24.00	
13	18	17	2.60	28.00	
14	19	18	3.00	32.50	

If stamped steel side handles are wanted add 8c. a pair to the price of each Tub in single or dozen lots; 7c. a pair in 100 lots.

SPECIAL PAIL TUB No. 2

The best low-priced palm Tub on the market, painted green, with electrically welded hoops. Made of best quality Southern cedar, and is a Tub of a kind the florist can afford to buy by the hundred, they are so cheap. There is no comparison between a plant in a tub and a plant in a pot. The former will always command an extra price that will more than offset the cost of the Tubs several times. Diameter inside, 10 $\frac{3}{4}$ inches at top; diameter inside, 8 $\frac{3}{4}$ inches at bottom; depth, 8 inches. 50c. each, dozen \$5.25, \$37.50 per 100. Be sure and specify Pail Tub when ordering this.

